

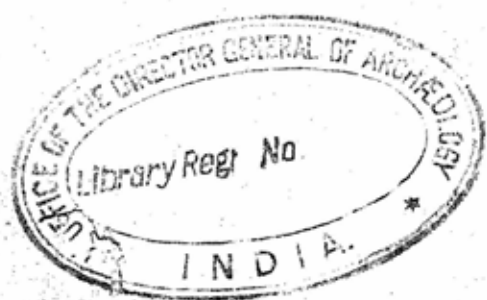
GOVERNMENT OF INDIA  
DEPARTMENT OF ARCHAEOLOGY  
CENTRAL ARCHÆOLOGICAL  
LIBRARY

---

CALL No. 910.5/P.R. G.S.  
Acc. No. 25300

D.G.A. 79.

GIPN—S4—2D. G. Arch. N. D./57—23-9-58—1,00,000

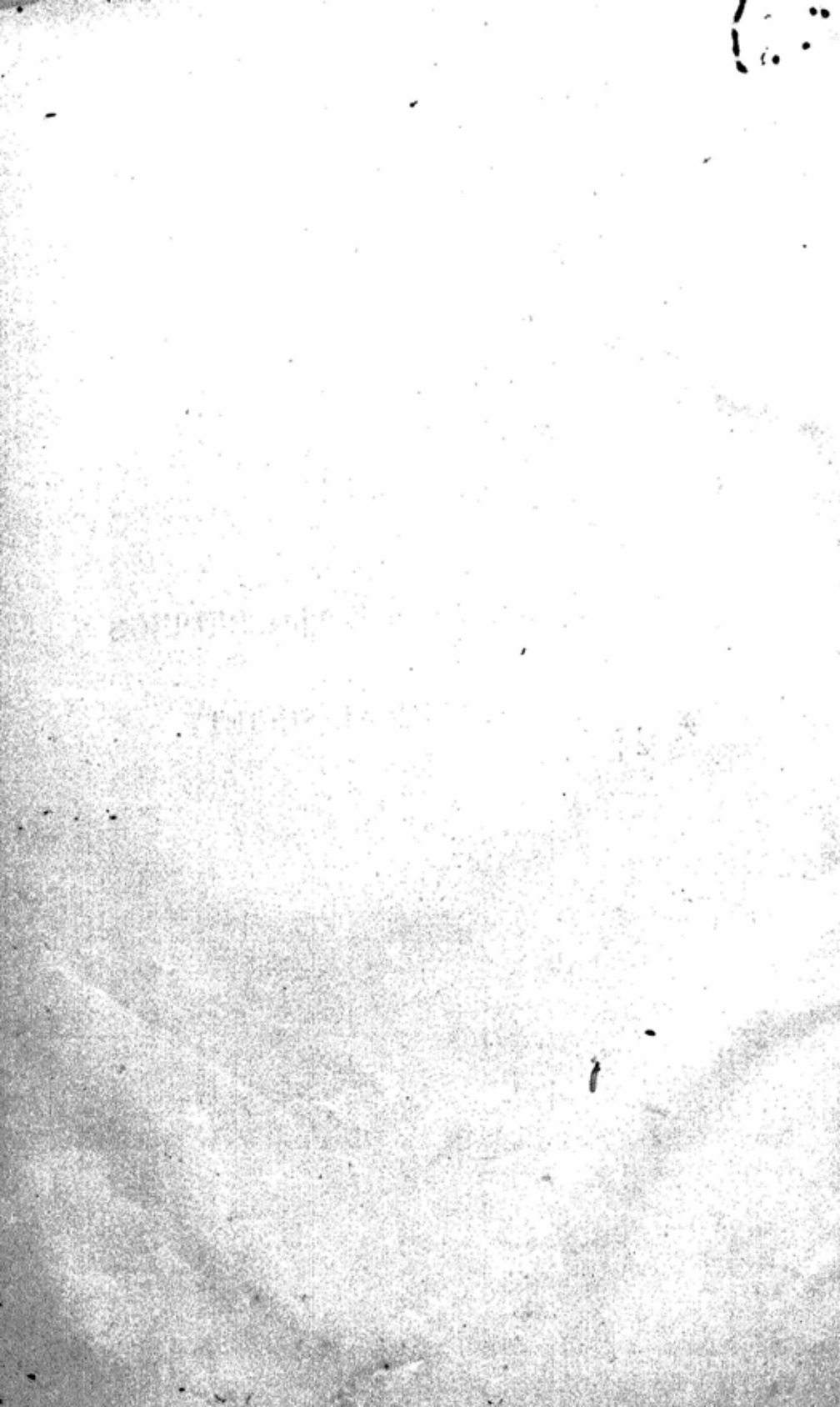






GENERAL INDEX TO THE PROCEEDINGS  
OF THE  
ROYAL GEOGRAPHICAL SOCIETY.





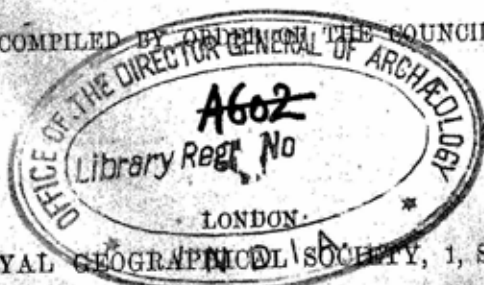
GENERAL INDEX  
TO THE  
FOURTEEN VOLUMES  
OF THE  
**Proceedings**  
OF THE  
**Royal Geographical Society,**  
NEW SERIES,  
1879—1892.

25300



910.5  
P.R.G.S.

COMPILED BY ORDER OF THE COUNCIL,  
OFFICE OF THE DIRECTOR GENERAL OF ARCHÆOLOGY



THE ROYAL GEOGRAPHICAL SOCIETY, 1, SAVILE ROW;  
EDWARD STANFORD, 26 AND 27, COCKSPUR STREET, CHANCERY CROSS, S.W.

1896.

CENTRAL ANTHROPOLOGICAL  
LIBRARY, NEW DELHI.

Acc. No. 25300  
Date 17.1.56  
Call No. 910.5/P.K.G.S.

CONTENTS.

	PAGE
I. INDEX TO THE PAPERS IN THE PROCEEDINGS ...	i
II. INDEX TO THE MAPS IN THE PROCEEDINGS ...	xiv
III. INDEX TO THE ILLUSTRATIONS IN THE PROCEEDINGS ...	xix
IV. GENERAL INDEX TO THE PROCEEDINGS ...	1

# I. INDEX TO THE PAPERS IN THE PROCEEDINGS OF THE ROYAL GEOGRAPHICAL SOCIETY, 1879-92.

## EUROPE.

### Alps—

Origin of Flora of the European, J. Ball, i. 564

Alpine notes of Leonardo da Vinci, D. W. Freshfield, ii. 335

Alpine Pass of Hannibal, D. W. Freshfield, viii. 638

Black Sea, Exploration of the, xiv. 461

### Caucasus—

Two Russian Travellers in, D. W. Freshfield, vii. 597

The Caucasus. D. W. Freshfield, ix. 617

Suanetia, D. W. Freshfield, x. 325

The Peaks, Passes, and Glaciers of the, D. W. Freshfield, x. 677

Further Explorations in the, A. F. Mummery, H. W. Holder, C. T. Dent, and D. W. Freshfield, xi. 351

Explorations and Ascents in 1889, xi. 671

Search and Travel in the Caucasus, Douglas W. Freshfield, xii. 257

Travels and Ascents in the Basardjust District, Daghestan, G. P. Baker, xiii. 313

Exploration in the Central Caucasus in 1890, Douglas W. Freshfield, xiv. 100

Views in Circassia, with notes by the late Admiral Sauwarez Brock, xiv. 173

### Iceland—

Askja, the largest volcano of, with a short description of the Odáðaraun, W. G. Lock, iii. 471

Across, by the Sprengisandr Route, C. E. Peek, iv. 129

Excursion to Askja, August, 1881, E. Delmar Morgan, iv. 140

The Öræfi Jökull, and its First Ascent, Fredk. W. W. Howell, xiv. 841

France. The Glacial Catastrophe in Savoy, xiv. 550

Norway and Lapland, Voyage on the Coasts of, Lieut. G. T. Temple, ii. 273

Russian Lapland, Notes on, Lieut. G. T. Temple, R.N., ii. 593

Russia. Summary of Recent Pendulum Observations in Russia, E. Delmar Morgan, xiii. 168

## ASIA.

### General—

Sea route to China, from Western Asia, notes on the oldest records of the, Col. H. Yule, iv. 649

### Cyprus—

Journey through, in 1878, J. Thomson, i. 97

Prehistoric, Rough Notes on, Sir H. C. Rawlinson, i. 106

Lieut.-Gen. Sir R. Biddulph on, xi. 705

### Turkey in Asia—

Asia Minor. Notes on the Physical and Historical Geography of, made during Journeys in 1879-82, Col. Sir C. W. Wilson, vi. 305

Asia Minor. Note on the Map of Lycia-Pamphylia, Prof. W. M. Ramsay, x. 160

Asia Minor. Exploration in Cilicia Tracheia, J. Theodore Bent, xii. 445

### Arabia—

Bahrain Islands, the, in the Persian Gulf, J. Theodore Bent, xii. 1

Northern and Central Arabia. New Routes through, visit to Jebel Shammar (Nejd), W. S. Blunt, ii. 81

North-Western Arabia and Nejd, Travels in, C. M. Doughty, vi. 382

Yemen, a Journey through, Major-Gen. F. T. Haig, ix. 479

### Persia—

On the Length of the Persian Farsakh, Gen. A. Houtum-Schindler, x. 594

Memorandum on the Society's New Map of Persia, Hon. G. Curzon, xiv. 69

Central Persia, Various Means of Communication between, and the Sea, Col. J. U. Bateman-Champain, v. 121

Demāvend, Notes on, Gen. A. Houtum-Schindler, x. 85

Desert. Journey Across the Western Portion of the Great Persian Desert, viâ the Siâh Kuh Mountains and the Darya-i-Namak, C. E. Biddulph, xiii. 645

Eastern Persia. Lieut. H. B. Vaughan's Recent Journey in Eastern Persia,

**Persia—continued—**

- Major-Gen. Sir Frederic Goldsmid, xii. 577  
 Karun River and the Commercial Geography of South-West Persia, Hon. G. Curzon, xii. 509  
 Karun River. Notes on the present state of the, between Shushter and the Shat-el-Arab, H. B. Lynch, xiii. 592  
 Kur River in Fars, etc., Note on the, A. Houtum-Schindler, xiii. 287  
 Lake. On the New Lake between Kom and Teheran, H. M. the Shah of Persia, x. 624  
 Luristan. Across Luristan to Ispahan, Henry Blossie Lynch, xii. 533  
 Mand, or Kara-Aghatch, River (Sitakes of the ancients), Notes on, Lieut.-Col. E. C. Ross, v. 712  
 Mashhad (Meshed) Geographical Position of, Major T. H. Holdich, 735  
 Northern Persia, Itinerary Notes of Route Surveys in, in 1881-82, Lieut.-Col. Beresford Lovett, v. 57  
 Sabmans, notes on the, Gen. A. Houtum-Schindler, xiii. 663  
 Southern Persia, Surveying Tours in, Capt. H. L. Wells, v. 138

**Afghanistan, Russian Turkistan, Pamirs—**

- Mountain Passes on Afghan Frontier of British India, C. R. Markham, i. 38  
 Mountain Passes leading to the Valley of Bamian, Lieut.-Gen. E. Kaye, i. 244  
 The Highway from the Indus to Candahar, Sir R. Temple, ii. 529  
 Steppe Routes from Karshi to the Amudaria, E. D. Morgan, iii. 723  
 New Russo-Persian Frontier east of the Caspian Sea, iv. 213  
 Journey from Askabad to Sarakhs, M. P. M. Lessar's, iv. 486  
 Geographical Nomenclature of the Disputed Country between Merv and Herat, A. Vambéry, vii. 591

Afghanistan Expedition, Survey Operations of; the Kurram Valley, Capt. G. Martin, i. 617

Afghanistan. Country between Candahar and Girishk, Notes on, Capt. R. Beavan, ii. 548

Afghanistan. Geographical Results of the Afghan Campaign, Capt. T. H. Holdich, iii. 65

Afghanistan. Afghan Boundary Commission, Geographical Notes, Major T. H. Holdich, vii. 39, 160, 273

Afghanistan, Capt. Maitland's and Capt. Talbot's Journeys in, ix. 102

Ferghana and Pamir, M. Severtsof's journey in, in 1877-78, ii. 499

Helmund, Basin of the, C. R. Markham, i. 191

Kabul River, Upper Basin of the, C. R. Markham, i. 110

Kafiristan, A visit to, W. W. McNair, vi. 1

**Afghanistan, Russian Turkistan, Pamirs—continued—**

- Kara-Kum or Desert of Turkomania, Paul Lessar, vii. 231  
 Karateghin and Darwaz, Dr. Albert Regel's Journey in, iv. 412  
 Karateghin and Darwaz, Notes of a Journey in, in 1882, M. Kossiakof, translated and annotated by E. Delmar Morgan, viii. 32  
 Koh-i-Baba Range, Countries and Tribes bordering on, Major-Gen. Sir Peter Lumsden, viii. 561  
 Merv, the Road to, Sir H. C. Rawlinson, i. 161  
 Merv and its surroundings, E. O'Donovan, iv. 345  
 Oxus, Upper, Regions of the, Robert Michell, vi. 489  
 Pamir Expedition, Russian, 1883, vi. 135  
 Pamir, the Dragon Lake of, Major-Gen. Sir H. C. Rawlinson, ix. 69  
 Pamir, A Journey Across the, from North to South, St. George Littledale, xiv. 1  
 Pamirs. Journeys in the Pamirs and Adjacent Countries, Captain F. E. Younghusband, xiv. 205  
 Penjdeb, Caves and Ruins at, Capt. F. de Laessle, vii. 583  
 Pishin and the Routes between India and Candahar, Major-Gen. Sir M. A. Biddulph, ii. 212  
 Shorawak Valley and Toba lateau, Major W. M. Campbell, ii. 620  
 The Tashkent Exhibition, 1890, Captain A. C. Yate, xiii. 21  
 The Trans-Caspian Railway, Hon. G. Curzon, xi. 273  
 Turkoman Country. The Country of the Tekke Turkomans, and the Tejend and Murghab Rivers, Lieut. Col. C. E. Stewart, iii. 513  
 Turkoman Desert, Lieut. Kalitin's Journey Across, from Geoktepeh to the Khivan Oasis, iv. 219  
 Turkoman Country, M. P. M. Lessar's Second Journey in—Askabad to Ghurian, near Herat, v. 1  
 Vernoe District, Earthquakes of May and June, 1887, in the, translated by Miss M. B. Hay, x. 638

**Indian Empire—**

- Indian Surveys, 1885-86, 1889-90, 1890-91, ix. 574, xiii. 401, xiv. 381  
 Indian Marine Survey, 1886-87, x. 32

Andamans, Little. The Exploration and Survey of the, Maurice Portman, x. 567

Abor Country, on the Upper Brahmaputra, iv. 676

Abor Hills, Excursion in the, from Upper Assam, J. F. Needham, viii. 313

Assam. Journey of the Expedition under Col. Woodthorpe, R.E., from Upper Assam to the Irawadi, and return over the Patkoi Range, Major C. R. Macgregor, ix. 19

**Indian Empire—continued—**

Assam. Exploration of Route between Assam and Upper Burma, x. 377

Assam. Direct Communication between Upper Assam and Northern Burma, xiv. 404

Himalaya, Mountain Systems of the, and Neighbouring Ranges of India. Lieut.-Col. H. H. Godwin-Austen, vi. 83

Himalaya, Travel and Ascents in, W. W. Graham, vi. 429

Himalaya. Mont Everest, Notes on: A last note on, Gen. J. T. Walker, viii. 88, 257

Himalaya. Mont Everest, Further Notes on, Douglas W. Freshfield, viii. 176

Himalaya. Our Present Knowledge of the Himalayas, Col. H. C. B. Tanner, xiii. 403

Himalaya. Karakoram Expedition, W. M. Conway, xiv. 753

Mahratta Empire, Geography of the Birth-place and Cradle of the, Sir R. Temple, iv. 457

Mardian Hills, and Lower Indravati in Bustar, Capt. T. H. Holdich, i. 372

Punjab, Rivers of the, Gen. R. MacLagan, vii. 705

Shaktu Valley, Waziristan, Notes on the, Capt. G. F. Young, iv. 537

Sikkim, Lake Region of, on the Frontier of Tibet, Sir Richard Temple, iii. 321

Sikkim, Exploration in, to the North-East of Kanchinjanga, xiv. 613

Southern India, Notes on the Physiography of, Col. B. R. Branfill, vii. 719

Southern India, the River Systems of, Lieut.-Gen. F. H. Rundell, viii. 681

Sundarban, the, its Physical Features and Ruins, John Rudd Rainey, xiii. 273

**Indo-China—**

Exploration Survey for a Railway connection between India, Siam, and China, Holt S. Hallett, viii. 1

Further India: River Names. Note on the Origin and Orthography of, S. E. Peal, xi. 90

Burma, the Country and People, J. Annan Bryce, viii. 481

Burma. On the Ruby Mines near Mogok, Robert Gordon, x. 261

Burma. Explorations on the Chindwin River, Col. R. G. Woodthorpe, xi. 197

Burma. Expeditions among the Kachin Tribes on the North-East Frontier of Upper Burma. Compiled by General J. T. Walker, xiv. 161

Irawadi River and its Sources, Major J. E. Sandeman, iv. 257

Irawadi River, Robert Gordon, vii. 292

Malayan Peninsula, Surveys and Explorations in the Native States of, 1875-82, D. D. Daly, iv. 393

Malay Peninsula. Expedition to the

**Indo-China—continued—**

Taban District, Pahang, H. N. Ridley, xiv. 533

Shan States. Journey through the Trans-Salwin Shan States to Tong-King, Lord Lamington, xiii. 701

Siam, J. McCarthy, x. 117

Tong-King, the Hill Slopes of, J. George Scott, viii. 217

**Malay Archipelago—**

Borneo, the New Maharajahate of Sabak, P. L. Sclater, i. 121

Borneo. Sarawak and Northern Borneo, Notes on, William M. Crocker, iii. 193

Borneo, North-Eastern, and the Sulu Islands, Notes on, W. B. Pryer, v. 90

Borneo, British North, Explorations in 1883-87, D. D. Daly, x. 1

Borneo, Summary of Explorations in, Adm. R. C. Mayne, x. 134

Key, or Ké, Islands, Capt. G. Langen, x. 764

Krakatau, Volcanic Eruption of, vi. 142

Sumatra, Dutch Expedition to Central, Prof. V. J. Veth, i. 759

Tenimber Islands, or Timor-Laut, Three Months' Exploration in, H. O. Forbes, vi. 113

**China—**

Across China, from Chin-Kiang to Bhamo, 1877, J. McCarthy, i. 489

Journeys in the Interior of, G. J. Morrison, ii. 145

China in some of its Physical and Social Aspects, E. Colborne Baber, v. 441

From Hai-phong in Tong-king to Canton, Overland, A. R. Agassiz, xiii. 249

Imperial Mausolea, East of Peking, Notes of a Journey to, F. S. A. Bourne, v. 23

North-Western China and Eastern Tibet, Potanin's Journey in, ix. 233

South China Borderlands, Exploration through, from the Mouth of the Si-kiang to the Irawadi, A. R. Colquhoun, iv. 713

South-West China, Journey in, from Su-chuan to Western Yunnan, Alex. Hosie, viii. 371

**Tibet, Mongolia, Chinese Turkistan—**

Dr. Regel's Expedition from Kuldja to Turfan in 1879-80, E. Delmar Morgan, iii. 340

Letters from Col. Prejevalsky, vii. 167, 807, viii. 28

Mr. A. D. Carey's Travels in Turkistan and Tibet, ix. 175

Prejevalsky's Journeys and Discoveries in Central Asia, E. Delmar Morgan, ix. 213

Journey Round Chinese Turkistan and along the Northern Frontier of Tibet, A. D. Carey, ix. 781

Journey Across Central Asia, from Manchuria and Peking to Kashmir, over



## GENERAL INDEX OF THE PROCEEDINGS OF

Tibet, Mongolia, Chinese Turkistan—*continued*—

- the Mustagh Pass, Lieut. F. E. Young-husband, x. 485  
 Progress of the Russian Expedition to Central Asia under Colonel Pevtsov, xii. 19, 161  
 The Great Central Asian Trade Route from Peking to Kashgaria, Col. Mark S. Bell, xii. 57  
 The Russian Expedition to Central Asia under Colonel Pevtsov, translated from the Russian by E. Delmar Morgan, xiii. 99  
 Expedition of the Brothers Grijmailo to the Tian Shan Oases and Lob-Nor, translated, with Notes and Introductory Remarks, by E. Delmar Morgan, xiii. 208

## Chinese Turkistan, Notes on M. Danvergne's Travels in, General J. T. Walker, xiv. 779

- Kuldja, Major F. O. H. Clarke, ii. 489  
 Kuldja, Journey through Semirétchia to, in 1880, E. Delmar Morgan, iii. 150

## Mongolia, N.W., Pevtsov's Expedition in, E. Delmar Morgan, i. 701

- Tibet, Western, Explorations in, by the Trans-Himalayan Parties of the Indian Trigonometrical Survey, i. 444  
 Tibet, Four Year's Journeys Through, by a Native Explorer, General J. T. Walker, vii. 65

## Tibet. The Lu River: is it the Source of the Irawadi or the Salwin?, Gen. J. T. Walker, ix. 352

## Tibet and Nepal, work of the native explorer M—H in, in 1885–86, x. 89

## Tibet, South-Eastern, the Hydrography of, Gen. J. T. Walker, x. 577

## Tibet. Mr. Rockhill's attempt to reach Lhasa, xi. 730

## Tibet. Two Journeys to Ta-tzien-lu on the Eastern Borders of Tibet, A. E. Pratt, xiii. 329

## Tibet. Mr. Rockhill's travels in North-East Tibet, xiv. 777

## Manchuria, Journey in, to the Pei-Shan Mountains and the Sources of the Sungari (H. E. James, etc.), viii. 779, ix. 235, 531

## Korea—

## Visit to, in October, 1882, J. C. Hall, v. 274

## Recent Journeys in, W. R. Carles, viii. 289

## A Journey Through North Korea to the Ch'ang-Pai Shan, Charles W. Campbell, xiv. 140

## Japan and Formosa—

## The Physical Geography of Japan, with Remarks on the People, Dr. E. Naumann, ix. 86

## Formosa, Southern part of. Notes of an Overland Journey Through, in 1875,

Japan and Formosa—*continued*—

- with Introductory Sketch of the Island, M. Benzeley, vii. 1  
 Formosa. Characteristic Traits of the Island and its Aboriginal Inhabitants, George Taylor, xi. 224

## INDIAN OCEAN.

- Chagos Group: Island of Diego Garcia, Gilbert C. Bourne, viii. 385  
 Christmas Island, Account of, Capt. W. J. L. Wharton, x. 613  
 Cocos Keeling Island, Notes on, H. O. Forbes, i. 777  
 The Keeling Islands, viii. 263  
 Red Sea and Cape Gardafui, Meteorology of, Gen. R. Strachey, x. 704

## AFRICA.

## General—

- African Overland Telegraph, i. 264  
 Journey to Victoria Nyanza and Back *via* the Nile, R. W. Felkin, ii. 357  
 African Exploration Fund. Final Report of the Executive Committee of, iii. 38  
 Territorial Partition of the Coast of Africa, Sir Rawson Rawson, vi. 615  
 The Partition of Africa, J. S. Keltie, xii. 655  
 African Boundaries, and the Application of Indian Systems of Geographical Survey to Africa, Lieut.-Col. T. H. Holdich, xiii. 596

## North Africa.—[For Egypt see next heading.]

## Algeria. Journey in the Atlas and Northern Part of the Algerian Sahara, Valentin de Gorloff, iv. 358

## Morocco, Southern, and the Atlas Mountains, Journey to, Joseph Thomson, xi. 1

## Morocco. Visit to Sheshouan, W. B. Harris, xi. 18

## Morocco, North-West, the Local Distribution of the Tribes Inhabiting the Mountains of, W. B. Harris, xi. 487

## Morocco. Some Further Notes on North Morocco, Walter B. Harris, xiii. 164

## Tunisia in 1885, viii. 522

## North-East Africa—

## Egypt, Eastern Desert of. Notes on a Sketch-map of Two Routes in, E. A. Floyer, ix. 659

## Egypt. Wind Action in, W. M. Flinders Petrie, xi. 646

## Egypt. The Raian Moeris; or Storage Reservoir of Middle Egypt, Cope Whitehouse, ix. 608

## Egypt. The Feasibility of the Raian Project, Col. Ardagh, ix. 613

## Egypt. The Desert from Dahshur to Ain Raian, Capt. C. Surtees, ix. 613

## Egypt. The Bahr Jusuf, its Present State and Uses, Capt. R. H. Brown, ix. 614

**North-East Africa—continued—**

- Nilometers, Col. J. C. Ardagh, xi. 28  
 Nubian Desert, Route March, with Camels, from Berber to Korosko in 1863, Lieut.-Col. J. A. Grant, vi. 326  
 Red Sea, European Territorial Claims on the Coasts of, and its Southern Approaches, in 1885, Sir Rawson W. Rawson, vii. 93  
 Red Sea Petroleum Deposits, Col. Ardagh, viii. 502  
 Somali Country, South, M. Révoil's Journey into, v. 717  
 Somal and Galla Lands: embodying information collected by the Rev. T. Wakefield, E. G. Ravenstein, vi. 255  
 Somaliland. Journey through, to the Webbe Shebeyli, F. L. James, vii. 625  
 Somaliland. A Journey through Part of, between Zeila and Bulhar, Lieut. Charles G. Nurse, xiii. 657  
 Somaliland. The Beni Amer Country, xiv. 546

**East Africa—**

- Native routes in East Africa, from Dar-es-Salaam towards Lake Nyasa, Keith Johnston, i. 417  
 East African Expedition, the R. G. S.'s. Route from Dar-es-Salaam to Uhehe, J. Thomson, ii. 102  
 Journey from Lake Nyasa to Lake Tanganyika, J. Thomson, ii. 209  
 Journey along Western Side of Lake Tanganyika, J. Thomson, ii. 306  
 Journey of the, J. Thomson, ii. 721  
 Journey from Kagei to Tabora and back, Rev. C. T. Wilson, ii. 616  
 Elephant Experiment in Africa: a Brief Account of the Belgian Expedition on the March from Dar-es-Salaam to Mpwapwa, L. K. Rankin, iv. 273  
 Expedition to Victoria Nyanza, Report on, J. Thomson, v. 544  
 Journey through the Masai Country, to the Victoria Nyanza, Joseph Thomson, vi. 690  
 Journey from Mozambique to Lakes Shirwa and Amaramba, H. E. O'Neill, vi. 632, 713  
 Central Africa, Lieut. Giraud's Explorations in the Lake Region of, vii. 332, 603  
 Eastern Africa, between the Zambesi and Rovuma rivers, H. E. O'Neill, vii. 430  
 Journey from Quillimane to Blantyre, H. E. O'Neill, vii. 646  
 Journey from Blantyre to Quillimane, D. J. Rankin, vii. 635  
 The late Dr. G. A. Fischer's Expedition for the Relief of Dr. Junker, ix. 45  
 Recent Changes in the Map of East Africa, ix. 490  
 A Recent Journey through the Country lying between the Shire and Loungwa Rivers, Alfred Sharpe, xii. 150

**East Africa—continued—**

- Mr. J. T. Last's Map of Eastern Africa, between Rovuma and the Zambesi, xii. 223  
 Mr. H. H. Johnston's Journey North of Lake Nyasa and visit to Lake Leopold, xii. 225  
 A Journey from Lake Nyasa to the Great Loangwa and Upper Zambezi Rivers, Alfred Sharpe, xii. 744  
 Notes on the Country lying between Lakes Nyasa and Tanganyika, David Kerr Cross, xiii. 86  
 Messrs. Jackson and Gedge's Journey to Uganda via Masailand, E. G. Ravenstein, xiii. 193  
 Ptolemy's Topography of Eastern Equatorial Africa, Henry Schlichter, xiii. 513  
 Travels from the East Coast to Uganda, Lake Albert Edward, and Lake Albert, Capt. F. D. Lugard, xiv. 817  
 Angoniland, Journey from Blantyre to, and back, J. T. Last, ix. 177  
 British Central Africa, H. H. Johnston, xii. 713  
 Cape Delgado Bay, Journey in the District West of, H. E. O'Neill, v. 393  
 Delagoa Bay, Journeys in the District of, 1886-87, H. E. O'Neill, ix. 497  
 Galla Country, Southern, Rev. Thos. Wakefield's Fourth Journey to, in 1877, iv. 368  
 Kenia, Mount, iv. 747  
 Kilima-njaro Expedition, the, H. H. Johnston, vii. 137  
 Kilima-njaro, Ascent to the Summit of, Dr. Hans Meyer, xii. 331  
 Makua Land, between the Rivers Rovuma and Luli, Rev. C. Maples, iv. 179  
 Makua and Lomwe Countries. Three Months' Journey in, H. E. O'Neill, iv. 193  
 Masailand. Native Routes in East Africa, from Pangani to the Masai Country and the Victoria Nyanza, Ven. J. P. Farler, iv. 730  
 Masailand, Native Routes through, from information obtained by the Rev. T. Wakefield, iv. 742  
 Masailand. Visit to the Masai People on the Borders of the Nguru Country, J. T. Last, v. 517  
 Masailand. Dr. Fischer's Journey in, vi. 76  
 Mozambique, Coast Lands and some Rivers and Ports of, H. E. O'Neill, iv. 595  
 Mozambique Coast, Northern, Remarks upon Nakala (Fernão Veloso Bay) and other Ports on the, H. E. O'Neill, vii. 373  
 Namuli Hills. Journey of Mr. J. T. Last from Blantyre to the, ix. 42  
 Namuli Hills. On the Society's Expedition to, J. T. Last, ix. 467

x  
GENERAL INDEX OF THE PROCEEDINGS OF

**East Africa—continued—**

- Ndara and Kasigao Mounts, Journey from Mombasa to, Commander C. E. Gissing, vi. 551
- Nguru Country, Journey to, from Mamboia, J. T. Last, iv. 148
- Nyasa, Lake, Second Circumnavigation of, Dr. James Stewart, i. 289
- Nyasa, Lake, Journey along West Side of, in 1878, Rev. Dr. Laws, i. 305
- Nyasa, Lake, Observations on the West Side of, and on the Country between Nyasa and Tanganyika, J. Stewart, ii. 428
- Nyasa, Lake, Survey of the Eastern Coast of, and latest news of the "Lake Junction Road," James Stewart, C.E., v. 689
- Nyasa, Lake, Seven Years' Travel in the Region East of, Rev. W. P. Johnson, vi. 512
- Nyasaland, Notes of a Journey from Domasi Mission Station, Mt. Zomba, to Lake Namaramba, 1887, Rev. A. Hetherwick, x. 25
- Nyasaland, Journey Along the Southern Frontier of, John Buchanan, x.ii. 265
- Rovuma. Masasi and the Rovuma District, Rev. C. Maples, ii. 337
- Rovuma River, Notes on the Basin of the, Joseph Thomson, iv. 65
- Rufiji River, Exploration of, under the auspices of the Sultan of Zanzibar, Wm. Beardall, iii. 641
- Tana River. A Recent Exploration, under Capt. F. G. Dundas, R.N., up the river Tana to Mount Kenia, Ernest Gedge, xiv. 513
- Tanganyika, Lake, E. C. Hore, iv. 1, xi. 581
- Uganda and the Victoria Lake, Rev. C. T. Wilson, ii. 353
- Ugogo, Northern, Notes of a Journey through, in 1879, E. J. Southon, iii. 547
- Usambara Country in East Africa, Rev. J. P. Farler, i. 81
- Usambara. Notes of a trip from Zanzibar to, Feb.-March, 1879, Keith Johnston, i. 545
- Usambara. Notes on the Geology of, Joseph Thomson, i. 558
- Victoria Nyanza, Boat Voyage along the Western Shores of the, and Exploration of Jordan's Nullah, A. M. Mackay, vi. 273
- Wa-itumba Iron-workers and the Mangaheri, near Mamboia, visit to, J. T. Last, v. 581
- Yao Country, Rev. W. P. Johnson's Journeys in, and Discovery of the Sources of the Lujende, iv. 480
- Zambesi Expedition, Capt. Paiva de Andrada's, 1881, iv. 372
- Capt. P. de Andrada's Journeys to Maxinga and the Mazoe, 1881, iv. 417

**East Africa—continued—**

- Zambesi. Recent Portuguese Explorations in the Zambesi Region, viii. 507
- Zambesi. The Chinde River and Zambesi Delta, Daniel J. Rankin, xii. 136
- South Africa—**
- Major Serpa Pinto's Journey Across Africa, i. 481
- Journey through Central South Africa, from the Diamond Fields to the Upper Zambesi, Dr. E. Holub, ii. 166
- Temperate South Africa, Right Hon. Sir B. Frere, Bart., iii. 1
- Journeys in the Interior of South Central Africa, F. C. Selous, iii. 169
- Notes on the Geography of South Central Africa, in explanation of a New Map of the Region, A. A. Anderson, vi. 19
- Journey from Cape Town Overland to Lake Nyasa, W. Montagu Kerr, viii. 65
- Bamangwato Country, Capt. R. R. Patterson, i. 240
- Basutoland, Unexplored, Lieut.-Col. Sir Marshall Clarke, x. 519
- Chobe River, Dr. B. F. Bradshaw, iii. 208
- Gazaland, A Journey through, Dennis Doyle, xiii. 588
- Kafukwe River, Journeys to the, and on the Upper Zambesi, letters from F. C. Selous, xi. 216
- Kalahari, Journey in the, G. A. Farini, viii. 437
- Mashonaland, Recent Explorations in, F. C. Selous, iii. 352
- Mashonaland, Further Explorations in, F. C. Selous, v. 268
- Mashonaland, A Recent Journey in Eastern, F. C. Selous, xii. 146
- Mashonaland, Notes of a Journey through, in 1889, the Right Rev. G. W. H. Knight Bruce, xii. 346
- Mashonaland, The ruins of, J. Theodore Bent, xiv. 273
- Mashonaland, The Geography and Meteorology of, R. M. W. Swan, xiv. 299
- Mashonaland, List of Stations in, R. M. W. Swan, xiv. 303
- Matabeleland, Capt. R. R. Patterson, i. 509
- Matabeleland, Mr. F. C. Selous's Further Explorations in, x. 293
- Matabele and Mashona Lands, E. A. Maund on, xiii. 1
- Note on the Map of Matabeleland and Mashonaland, Manica and Gazaland, E. A. Maund, xiii. 114
- Sabi River, Delta and Lower course of the, according to the Survey of Capt. T. L. Phipson-Wybrants, v. 271
- Transvaal. The Kaap Goldfields, F. Jeppe, x. 438
- Zambesia, the New British Possession in Central South Africa, E. A. Maund, xii. 649

## South Africa—continued—

Zimbabwe, the Orientation of the Buildings at, R. M. W. Swan, xiv. 306  
Zululand, Books and Memoirs on, E. C. Rye, i. 201

Zululand, Maps of, W. J. Turner, i. 205  
Zululand, Notes on the Physical Geography of, and its Borders, Rev. George Blencowe, i. 324

## West Equatorial Africa—

Major Serpa Pinto's Journey Across Africa, i. 481

Work of the German African Association in West Equatorial Africa, iv. 678

On the influence of Arab Traders in West Central Africa, Lieut. H. Wissmann, x. 525

Journey from Natal to Bihé and Benguela, and thence across the Central Plateau of Africa to the Sources of the Zambesi and Congo, F. S. Arnot, xi. 65

Bakuba Country, Silva Porto's Journey from Bihé to, ix. 753

Congo, Brief Account of Recent Journeys in the Interior of, Rev. T. J. Comber, iii. 20

Congo. Journey of Messrs Crudgington and Bentley to Stanley Pool, iii. 553  
Congo, Visit to Mr. Stanley's Stations on the, H. H. Johnston, v. 569

Congo. The Congo River, from its Mouth to Bolobo, with Notes on the Physical Geography, Resources, etc., of the Congo Basin, H. H. Johnston, v. 692

Congo. Boat Journey Round Stanley Pool, Rev. T. J. Comber, vi. 71

Congo, My Recent Visit to, Major-Gen. Sir F. J. Goldsmid, vi. 177

Congo, Lower, Notes on, from its Mouth to Stanley Pool, E. Delmar Morgan, vi. 183

Congo, Free State of the, E. Delmar Morgan, vii. 223

Congo, Explorations on the, and Bochini, Revs. George Grenfell and T. J. Comber, vii. 353

Congo Free State, the, Col. Sir Francis de Winton, viii. 609

Congo, Tributaries of the, between Leopoldville and Stanley Falls, Rev. George Grenfell, viii. 627

Congo. The Last German Congo Expedition, 1884-86, viii. 634

Congo and the Ngala and Aruwimi Tributaries, J. R. Werner, xi. 342

Cunene River, Journey from Mossamedes to, Earl of Mayo, v. 458

Kwilu-Niadi Valley, Capt. Elliott's Expedition to the, vi. 656

Ogowé-Congo Region, Recent French Explorations in, Major R. de Lanoy de Bissy, viii. 770

Welle-Mobangi River, Explorations on, Capt. Vangele, xi. 325

## Central Africa—

Wissmann's Journey Across, v. 16

Herr Reichard's Explorations in the Lake Region of, vii. 603

Between the Nile and the Congo: Dr. Junker and the (Welle) Makun, J. T. Wills, ix. 285

Explorations in, Dr. W. Junker, ix. 399

Letter from Mr. H. M. Stanley, on his Journey from Yambuya Camp to the Albert Nyanza, xi. 261

Ditto, from the Albert Nyanza to the Southern Side of the Victoria Nyanza, xi. 720

Geographical Results of the Emin Pasha Relief Expedition, H. M. Stanley, xii. 313

Mr. Alfred Sharpe's Journey from Karonga (Nyasa) to Katanga (Msidia's Country), via the Northern Shore of Lake Mweru, xiii. 423

Emin Pasha's Expedition to Lake Albert Edward and Lake Albert, xiv. 540

Bahr-el-Ghazal Region, Mr. F. Lupton's (Lupton Bey's) Geographical Observations in the, vi. 245

Garenganze, a Journey to, Alfred Sharpe, xiv. 36

Nile, Upper, Geographical Co-ordinates in the Valley of the, E. G. Ravenstein, xi. 641

Nyam Nyam Country. Dr. Junker's Journey in the, iii. 301

Ruwendori, Lieut. Stairs' Ascent of, xi. 726

## West Africa. [See also West Equatorial.]

Notes of a Journey from Lagos up the Niger to Bida and Ilorin, 1879-80, Rev. J. Milum, iii. 26

The Bantu Borderland in, H. H. Johnston, x. 633

Ashanti, Journey into the Interior of, Capt. Brandon Kirby, vi. 447

Benin, a Journey in, His Excellency Gilbert T. Carter, xiv. 457

Binue River, Ascent of, in August, 1879, with Remarks on the Systems of the Binue and Shari, E. Hutchinson, ii. 289

Binue, Exploration of, and its Northern Tributary, the Kebbi, Major Claude M. Macdonald, xiii. 449

Bijouga or Biasagos Islands, E. Stallibrass, xi. 595

Cameroons, Mount, Explorations Inland from, and Journey through Congo, Rev. T. J. Comber, i. 225

Cameroons District, G. Grenfell, iv. 585

Cross River, Journey up, H. H. Johnston, x. 435

Gold Coast: Volta Basin, Explorations in, by Missionaries of the Basel Missionary Society, viii. 246

Kong Mountains, Capt. R. F. Burton, iv. 484

**West Africa—continued—**

- Niger Delta, H. H. Johnston, x. 749  
 Sierra Leone and the Interior, to the Upper Waters of the Niger, G. H. Garrett, xiv. 433  
 Togo-land, the German Protectorate on the Slave Coast, vii. 377  
 Yoruba Country, Notes on, and the Colony and Protectorate of Lagos, Sir Alfred Moloney, xii. 596  
 Yoruba Country, Alvan Millson, xiii. 577

**Madagascar—**

- History and Present Condition of our Geographical Knowledge of Madagascar, Rev. J. Sibree, jun., i. 646  
 Notes on a Botanical Trip in Madagascar, G. F. Scott Elliot, xiii. 158

Antanambalana River, the, L. H. Ransome, xi. 295

Imerina, the Central Province of Madagascar, and the Capital, Antananarivo, Rev. James Sibree, xiv. 737

South Central Madagascar, Geographical Excursions in, Rev. W. Deans Cowan, iv. 521

Tritriva, the Volcanic Lake of, Central Madagascar, Rev. James Sibree, jun., xiii. 477

Western Madagascar, Rev. E. O. Macmahon's journeys in, xiv. 463

**AMERICA.**

Columbus, and the Fourth Centenary of his Discovery, C. R. Markham, xiv. 585

**NORTH AMERICA.****Alaska—**

- Sledge Journey in the Delta of the Yukon, E. W. Nelson, iv. 660  
 The Alpine Regions of, Lieut. H. W. Seton-Karr, ix. 269  
 Visit to the Glaciers of, and Mount St. Elias, H. W. Topham, xi. 424  
 Travels in, and North-West British Columbia, H. W. Seton-Karr, xiii. 65

**British North America—**

Northmen and Portuguese, Search in British North America for Lost Colonies of, R. G. Haliburton, vii. 25

Athabasca District, Rev. E. Petitot, v. 633

Hudson's Bay, on the Commercial Importance of, with Remarks on Recent Surveys, etc., R. Bell, M.D., iii. 577

Hudson's Bay and Hudson's Strait as a Navigable Channel, Commodore A. H. Markham, x. 549

Labrador, Journey in the Interior of, July to October, 1887, R. F. Holme, x. 189

**British North America—continued—**

Selkirk Range, Explorations in the Glacier Regions of, in 1888, Rev. W. S. Green, xi. 153

Selkirk Range, The, North-West America, Harold W. Topham, xiii. 554

**United States—**

The Mother Maps of the, xiv. 459

California, the New Lake in, Jacques W. Redway, xiv. 309

Mississippi, Discovery of the True Source of the, Capt. W. Glazier (U.S.), vii. 23

Oregon, Exploration of, in 1878, by the Wheeler Survey, J. W. Goad, i. 694

**Mexico—**

Vera Cruz, the Aboriginal Races of the State of, A. Baker, ix. 568

**CENTRAL AMERICA AND WEST INDIES.**

British Honduras, Notes on a Part of the Western Frontier of, W. Miller, ix. 420

British Honduras. Expedition to the Cockscumb Mountains, J. Bellamy, xi. 542

British Honduras, Journey from, to Santa Cruz, Yucatan, William Miller, xi. 420

Copan, Exploration of the Ruins and Site of, A. P. Maudslay, viii. 568

Dominica, Recent Volcanic Eruption at the Grand Soufrière, ii. 363

Guatemala, Explorations in, and Examination of the Newly discovered Indian Ruins of Quirigua, Tikal, and the Usumacinta, A. P. Maudslay, v. 185

**SOUTH AMERICA.****Brazil—**

Sketch of the Physical Geography of, James W. Wells, viii. 353

Fernando de Noronha, Island of, in 1887, Rev. T. S. Lea, x. 424

Rio Doce, Exploration of, and its Northern Tributaries, W. J. Stearns, x. 61

San Paulo Province, Journey in, July-September, 1885, R. F. Holme, ix. 108

Tocantins River, Notes of a Visit to the Delta of, James W. Wells, viii. 513

Xingu Expedition of 1884, the German, viii. 517

**British Guiana—**

Journey in the Interior of, E. F. im Thurn, ii. 465

North-western District of, Everard F. im Thurn, xiv. 665

Roraima and Kukenam, Mounts, Exploration in the Neighbourhood of, Henry Whitely, vi. 452

Roraima, The Ascent of Mount Roraima, E. F. im Thurn, vii. 497

Roraima. Notes on a Journey to Mount Roraima, H. I. Perkins, vii. 522

**Venezuela and Colombia—**

Notes on the Central Provinces of Colombia, Robert Blake White, v. 249

Cordillera of Bogotá, xiv. 850

Goajira Peninsula, Explorations of, F. A. A. Simons, vii. 781

Sierra Nevada of Santa Marta, Notes on the Topography of, F. A. A. Simons, i. 689

Sierra Nevada and its Watershed, F. A. A. Simons, iii. 705

**Ecuador, Peru, Bolivia, Chili—**

Col. Labre's Explorations in the Region between the Beni and Madre de Dios Rivers and the Purus, xi. 496

Amaru-mayu and Beni Basins of the, C. R. Markham, v. 313

Andes, Journey among the Great, of the Equator, iii. 449

Andes, Dr. Güssfeldt's Work in the, vi. 658

Beni River, Exploration of, 1880-81, Edwin R. Heath, M.D., v. 327

Bolivia, Eastern, and the Gran Chaco, J. B. Minchin, iii. 401

Bolivia, Andean Tableland of, Notes of a Journey through Part of, in 1882, John B. Minchin, iv. 671

Chili and Bolivia, Boundary Line between, i. 785

Galápagos Islands, Visit to, in 1880, Capt. A. H. Markham, ii. 742

Galapagos Islands, Discovery of the, Clements R. Markham, xiv. 314

Peru, Journey of Mr. George P. James from Chanchamayo to the Atlantic, ix. 305

Peru and Bolivia, Notes on a Recent Visit to, Major H. Leslie Ellis, xii. 227

Peru. A Recent Journey to the Head Waters of the Ucayali, Central Peru, Alexander Ross, xiv. 382

**Argentina, Uruguay—**

Gran Chaco and its Rivers, Capt. John Page, xi. 129

Patagonia, Central, Mr. Durnford's Explorations in, v. 84

Straits of Magellan. Visit to Skyring Water, R. W. Coppinger, ii. 552

Uruguay, Central, Journey to, Dr. D. Christison, ii. 663

**AUSTRALASIA AND PACIFIC.****Australia—**

Expedition Across Australia, from South to North, between the Telegraph Line and the Queensland Boundary, 1885-86, D. Lindsay, xi. 650

Central Australia, C. Chewings, xiii. 348  
South Australia. Northern Territory, Mr. C. Winnecke's Last Explorations in, vi. 566

**Australia—continued—**

West Australia. Explorations in the Region of the Upper Gascoyne and Ashburton Rivers, Ernest Pavenc, xi. 492

**New Zealand—**

Alps, Southern, of, Recent Explorations in, Rev. W. S. Green, vi. 57

King Country, a Recent Exploration of, J. H. Kerry-Nicholls, vii. 201

**New Guinea—**

Notes on New Guinea and its Inhabitants, Lawes, ii. 602

A Summary of our Present Knowledge, Coutts Trotter, vi. 196

British New Guinea, Discovery of Two New Rivers in, Theodore F. Bevan, ix. 595

Further Explorations in the Regions bordering the Papuan Gulf, Th. F. Bevan, xi. 82

Some Notes on Recent Exploration in, Coutts Trotter, xiv. 788

Eastern and North-Eastern Coasts, Visits to the, Wilfrid Powell, v. 505

Fly River, L. M. D'Alberty, i. 4

Louisiade and D'Entrecasteaux Islands, Narrative of an Exploring Expedition to the, Basil H. Thomson, xi. 525

North Coast, Recent Dutch Expeditions to, and Ascent of the River Amberno, vii. 172

Owen Stanley Range, Journey to the Summit of the, Sir William Macgregor, xii. 193

South-Eastern New Guinea, Recent Explorations in, Rev. W. G. Lawes, xi. 216

South-Eastern New Guinea, Explorations in, Rev. J. Chalmers, ix. 71

**Pacific Islands—**

Melanesia, Micronesia, and Western Polynesia, Cruises in, in 1882-84, and Visits to New Guinea and the Louisiades in 1884-85, Capt. Cyprian Bridge, R.N., viii. 545

New Britain and Neighbouring Islands, Observations on, Wilfred Powell, iii. 84

New Britain. The Islands of the New Britain Group, H. H. Romilly, ix. 1

New Hebrides, Notes on the Ascent of Ambrym Volcano, Lieut. C. W. de la Poer Beresford, R.N., vi. 129

Solomon Islands, Exploration of, C. M. Woodford, x. 351

Solomon Islands, Further Explorations in the, C. M. Woodford, xii. 893

Tonga Group. A Visit to the newly emerged Falcon Island, J. J. Lister, xii. 157

**ARCTIC REGIONS.**

Arctic Expeditions of 1878, C. R. Markham, i. 16



## GENERAL INDEX OF THE PROCEEDINGS OF

**Arctic Europe and Asia—**

The *Vega* in her Winter Quarters, Prof. Nordenskiöld on, i. 799, ii. 53

*Jeanette* Expedition, Measures for the Search and Relief of, C. R. Markham, iv. 28

The Dutch Arctic Voyages (1878-81), and the probable position of Mr. Leigh Smith, Comm. Jansen, iv. 85

Dutch Arctic Expedition, 1883, Departure of, v. 348

Barents Sea, Arctic Campaign of 1879 in, Capt. A. H. Markham, ii. 1

Franz Josef Land, Voyage of the *Eira* and Mr. Leigh Smith's Arctic Discoveries in 1880, C. R. Markham, iii. 129

Franz Josef Land, Second Voyage of the *Eira* to, C. R. Markham, from Leigh Smith's Journals, v. 204

Spitzbergen and Barents Seas, Ice in, in 1882, v. 96

**Arctic America—**

U.S. Expedition to Lady Franklin Bay, iv. 171

Greely Relief Expedition, vi. 221

Greenland, Hydrographical Results of the Nordenskiöld Expedition to, 1883, Axel Hamberg, vi. 569

Greenland, Journey Across the Inland Ice of, Dr. F. Nansen, xi. 469

Greenland, Lieut. Peary's North Greenland Expedition, xiv. 697

King William Land, Expedition of Lieut. F. Schwatka to, C. R. Markham, ii. 657

**MATHEMATICAL AND PHYSICAL GEOGRAPHY.**

Bathy-hypsographical Maps, E. G. Ravenstein, viii. 21

Geographical Evolution, Prof. A. Geikie, i. 422

Glaciers, Note on the Conservative Action of, D. W. Freshfield, x. 779

Glaciers. On Observations of Glacier Movements, M. de Déchy, xiv. 455

Heights and Hollows of the Earth's Surface, Professor C. Lapworth, xiv. 688

Meteorological Results of the *Challenger* Expedition in relation to Physical Geography, Alexander Buchan, xiii. 137

Oceans. Danish Scientific Expedition of 1884 in the Gunboat *Fylla*, vii. 177

Oceans. On Similarities in the Physical Geography of the Great Oceans, J. Y. Buchanan, viii. 753

Oceanography at the British Association, xiv. 619

Prairies. Why are the Prairies Treeless? Miller Christy, xiv. 78

**GENERAL.**

Ancient Map, Discovery of, in Iceland, by Baron Nordenskiöld, remarks by R. H. Major, v. 473

Bar-Subtense Survey, Col. H. C. B. Tanner, xiii. 675

Colouring of Maps, Prof. Cayley, i. 259

Exhibition of Appliances used in Geographical Education. Lectures and Discussions, viii. 116, 193

Freeman, the late Professor E. A., and his Services to Geography, C. R. M., xiv. 401

Geographical Congress in Paris, E. Delmar Morgan, xi. 552, 601

Geographical Congress, Italian, of 1892, xiv. 785

Geographical Education in Training Colleges and Elementary Schools, x. 297

Geographical Professorships, i. 261

Geography, the Place of, in Education, D. W. Freshfield, viii. 698

Geography, On the Scope and Methods of, H. J. Mackinder, ix. 141

Geography, Lectures on, delivered before the University of Cambridge, 1888, x. 146, 205, 275

Instruction supplied in this Country in Practical Astronomy, Navigation, Route Surveying, and Mapping, iv. 296

Isochronic Passage Charts, Construction of, F. Galton, iii. 657

Lands of the Globe still available for European Settlement, E. G. Ravenstein, xiii. 27

Orthography, System of, for Native Names of Places, vii. 535

Orthography of Native Geographical Names, Lieut.-Col. J. C. Dalton, xiv. 770

Photography and Exploration, John Thomson, xiii. 669

Russian Geographical Work in 1886, from Russian Sources, E. D. Morgan, ix. 423

**II. INDEX TO THE MAPS IN THE PROCEEDINGS OF THE ROYAL GEOGRAPHICAL SOCIETY, 1879-92.**

Note.—s.m. = sketch map.

**EUROPE.****General—**

Europe and India, trigonometrical survey of, vii. 685

**Northern—**

English Channel, Part of, Bathymetrical, and Spring Tides, viii. 64

Iceland and Great Geysir, iv. 192

Iceland, Öræfi Jokull, xiv. 843, 845

Norway and Lapland, Coasts of, ii. 336

**Southern—**

- Alps, Western, illustrating the Passage of Hannibal, viii. 680
- Caucasus, Adai Khoch Group, xi. 675, xiv. 140
- Caucasus, Central Group, x. 404
- Caucasus, Dychtau and Northern Glaciers, xii. 312
- Caucasus, Elbruz and Central, xi. 404
- Italy, Ptolemy's, Gastaldo's, and Catalan Maps of, xiii. 622

**ASIA.**

**General—**

- Ancient Sea Route between China and Western Asia, iv. 651

**Turkey in Asia—**

- Asia Minor and Gulf of Scanderûn, vi. 364
- Asia Minor, Cilicia Trachia, Mr. Bent's Routes, xii. 508
- Bahrein Islands, Mr. Bent's Journey, xii. 56

**Arabia—**

- Mr. Doughty's Routes, vi. 428
- Jebel Shammar, ii. 144
- Northern and Central, ii. 144

**Trans-Caucasia (see also Europe)—**

- Valley of the Kur River, xiii. 288

**Persia (see also next heading)—**

- General map with Afghanistan and Baluchistan, xiv. 140
- Country between Teheran and Kom, showing New Lake, x. 676
- Central, Lieut. Vaughan's Routes, xii. 648
- Darya-i-Namak, Salt Plain (s.m.), xii. 576, xiii. 646
- Elburz Range, Col. Lovett's Survey, v. 120
- Karun River and Branches, xii. 576
- Khorasan, etc., iii. 576
- Luristan to Ispahan, Mr. Lynch's Route, xii. 576
- Mand, or Kara-Agatch, River, v. 713
- South-Western, Routes in, v. 184, xii. 511

**Afghanistan, Russian Turkistan, Pamirs—**

- Afghanistan, Eastern, i. 80
- Western, Helmund River, i. 224
- Afghan Boundary Commission, Preliminary Map of Routes, vii. 352
- Afghan and Persian Border, viii. 216
- Country between Sind and Candahar, ii. 592
- Darwaz, route map, iv. 413
- Darwaz and Karateghin, Kosiakof's Route, viii. 64
- Hari-rud and Murghab Rivers, Country between (s.m.), v. 56
- Hari-rud and Territory between Merv and Herat, vii. 624
- Hindu Kush and its Passes, i. 160
- Kafiristan, iii. 320

**Afghanistan, Russian Turkistan, Pamirs—  
continued—**

- Pamirs, Russian Explorations in 1883, vi. 176
- Pamirs, Mr. Littledale's Route, xiv. 68
- Pamirs, Capt. Younghusband's Routes, xiv. 272
- Pamirs, M. Dauvergne's Routes, xiv. 816
- Pishin Valley and Upper Basin of the Lora, ii. 272
- Russian and Persian Boundary, iv. 214
- Russian Central Asia: Trans-Caspian Railway, xi. 324
- Tejend Oasis, and Routes to Merv, v. 56
- Turkoman Steppe and Khorasan, i. 224
- Verny District and Tsail Kul, x. 639

**India and Himalayas—**

- Trigonometrical Survey of, compared with that of Europe, vii. 685
- Andaman Islands, x. 612
- Bustar Dependency, i. 416
- Himalayas, Mountain System of, with sections, Godwin-Austen, vi. 112
- Kanchinjinga Region, xiv. 615
- Mustagh Range, Country between Yarkand River and, x. 548
- Mahratta Country (s.m.), iv. 520
- Sikkim, iii. 384
- Punjab, River of the, vii. 776
- South, River Systems of, viii. 752
- Sundarban and Adjacent Country, xiii. 274

**Indo-China—**

- Country between the Brahmaputra and Irawadi and Col. Woodthorpe's Route, ix. 68
- Burma, Siam, and Shan States, Mr. Hallett's Surveys, viii. 64
- Burma, with Parts of India, China, and Siam, viii. 544
- Burma, Ruby Mine District, x. 324
- Chindwin River, Col. Woodthorpe's Surveys, xi. 260
- Irawadi River, Sources of, iv. 328
- Irawadi Region, Lieut. Elliott's Routes, xiv. 204
- Irawadi and Sanpo, Gordon's Theory, vii. 352
- Irawadi and Sanpo, according to various authorities, vii. 352
- Malay Peninsula, Native States, iv. 456
- Perak, Northern, iv. 456
- Shan States, Northern, Lord Lamington's Route, xiii. 702
- Shan States, Route Survey from Muang Sing to Ban Na Sien, xiii. 703
- Siam and the Malay Peninsula, McCarthy, x. 188
- Tahan River, Part of (s.m.), xiv. 537
- Tong-king, Northern, with Song-Koi Delta, viii. 288
- Tong-king, Part of, and Southern China, xiii. 312

**Eastern Archipelago (for New Guinea, see Oceania)—**

- Borneo, North, iii. 256
- British North, x. 60



- Eastern Archipelago—continued—**  
 Christmas Island (s.m.), x. 614  
 Cocos or Keeling Islands, i. 816  
 Ké or Key Islands, x. 812  
 Krakatau Volcano, before and after  
 Eruption, vi. 143  
 Tenimber Islands or Timor Laut, vi. 176
- China—**  
 Central and Southern, i. 544  
 Eastern, ii. 208  
 Southern, Mr. Colquhoun's Route, iv.  
 776  
 South-Western, Mr. Hosie's Journeys,  
 viii. 416
- Tibet, Mongolia, Eastern Turkistan, etc.—**  
 Central Asia, Lieut. Younghusband's  
 Journey, x. 548  
 Central Asian Trade Routes, Peking to  
 Kashgaria, xii. 128  
 Kuldja to Hami, M.M. Grijimailov's  
 Route along the Tian Shan, xiii. 248  
 Chinese Turkistan, Country between  
 Yarkand River and Mustagh Range,  
 x. 548  
 Kuldja District, and Russo-Chinese  
 Frontier, ii. 528  
 Tibet, Prejevalsky's Journeys, ix. 268  
 Tibet. A—K—'s Journeys, vii. 136  
 Tibet. Sanpo and Irawadi, Gordon and  
 various authorities, vii. 352  
 Tibet, South-Eastern, Lu River, ix. 398  
 Tibet, South-Eastern, Hydrography of  
 (four maps), x. 612  
 Tibet, Northern, and Chinese Turkistan,  
 Mr. Carey's Route, ix. 790  
 Yarkand River, Tributaries of the, M.  
 Dauvergne's Routes, xiv. 816
- Mancheria—**  
 Mr. James's Route in, ix. 594
- Korea—**  
 Illustrating Mr. Carles' Paper (s.m.),  
 viii. 352  
 Northern, Mr. Campbell's Route, xiv. 204
- Japan and Formosa—**  
 Physical Map of Japan, with Sketch-  
 map showing Dr. Naumann's Routes,  
 ix. 140  
 Formosa, South, vii. 64
- AFRICA.**
- General—**  
 Territorial Partition of the Coasts, vi.  
 686  
 New Political Boundaries, xii. 712
- North Africa—**  
 Morocco, N.W., showing Distribution of  
 Tribes, xi. 524  
 Morocco, S.W., illustrating Mr. J.  
 Thomson's Journey, xi. 64
- North East Africa—**  
 Beni Amer Country, Col. H. Smith's  
 Routes, xiv. 549  
 Egypt, Eastern Desert of, Mr. Floyer's  
 Route, ix. 730  
 Egypt from a Map by Cl. Ptolemy, xii. 684
- North East Africa—continued—**  
 Egypt, Middle, from the Latest Survey,  
 xii. 685  
 Fayoum and Raian Basin, ix. 658  
 Gulf of Suez, Mouth of, showing Petro-  
 leum Deposits, viii. 504  
 Nubia and the Egyptian Sudan (s.m.),  
 vi. 364  
 Nubian Desert, Abu Hamed to Korosko,  
 Route Map, vi. 364  
 Raian Moeris, vii. 757  
 Red Sea, European Claims on the Coasts  
 of, vii. 136  
 Somali Country, the Province Ogadayn,  
 James's Routes in, vii. 704  
 Somaliland. Lieut. Nurse's Route from  
 Dinkaraita to Bulhar, xiii. 700  
 Webi Shabeyla, Upper, Sketch of, vi. 261
- East Africa—**  
 Mombasa to Kenia and the Victoria  
 Nyanza, Mr. Thomson's Routes, vi.  
 400 (s.m.), 758  
 Country between the Rovuma and Zam-  
 besi, O'Neill, vii. 496; Mr. Last's  
 Routes, xii. 256  
 Political Boundaries, ix. 530  
 Blantyre to the Loangwa, Sharpe's  
 Route, xii. 151  
 Lake Nyasa to the Loangwa and Upper  
 Zambesi, xii. 776  
 Mr. Jackson's Expedition to Uganda,  
 xiii. 248  
 Ptolemaic and Modern Maps, xiii. 576  
 Capt. Lugard's Routes in Ibea, xiv. 884  
 Angoniland, Blantyre to, Last's Routes,  
 ix. 212  
 Dar-es-Salaam Routes, i. 480  
 Dar-es-Salaam to Lake Nyasa, ii. 144  
 Jordan's Nullah, Mackay, vi. 278  
 Kagéi, Route from, to Tabora, ii. 656  
 Kilimanjaro, H. H. Johnston, vii. 200  
 Kilimanjaro. Dr. Meyer's Journey, xii.  
 372  
 Makua Country, Route and General  
 Maps, iv. 256  
 Masai Country, iv. 776  
 Masailand. Mr. Last's and Dr. Baxter's  
 Journeys, v. 568  
 Mavia Country, v. 440  
 Maxinga and the Mazoe, Andrada's  
 Routes, iv. 418  
 Mombasa to Mamboia, Rev. J. Black-  
 burn's Route, x. 90  
 Mozambique Coast, iv. 648  
 Mozambique to Lake Kilwa, O'Neill's  
 Routes, v. 785  
 Nakala and Kisima Julu Ports (s.m.),  
 vii. 416  
 Namuli Peaks, vi. 728  
 Nguru District (s.m.), iv. 192  
 Nyasa Lake, i. 352, v. 752  
 Nyasa, North end, iii. 320  
 Nyasa, Region East of, Johnson, vi. 550  
 Nyasa, Western Side of, ii. 464  
 Nyasa and Tanganyika, Route between,  
 Thomson, ii. 464  
 Nyasa-Tanganyika Plateau, xii. 776

**East Africa—continued—**

- Ribe to Malindi, Wakefield's Route, iv. 370  
 Rovuma River, iv. 128  
 Rufiji River, iii. 704  
 Lake Shirwa and Neighbourhood, x. 60  
 Sigirso, Lakes of, Wakefield, iv. 370  
 Tana, Upper (s.m.), xii. 192  
 Tana to Mount Kenia, Capt. Dundas's Expedition, xiv. 584  
 Teita and Adjoining Districts, Capt. Gissing's Route, vi. 614  
 Ugogo, Northern, iii. 547  
 Usambara, Southern, i. 83. 616  
 Victoria Nyanza, Dr. Baumann's Journey on the, xiv. 635  
 Yao Country, iv. 520  
 Zambesi, Mouths of the, xii. 192

**South, South Central, Africa—**

- General Maps, i. 544, iii. 64  
 Central Portion, ii. 400  
 Interior of, Anderson, vi. 56  
 Bamangwato Country, i. 288  
 Basutoland, x. 548  
 Bechuanaland Protectorate, vii. 457  
 Chobe River (s.m.), iii. 256  
 Delagoa Bay and Adjoining Country, ix. 498  
 Gazaland, Mr. Doyle's Route, xiii. 644  
 Knap Goldfields, Transvaal, x. 484  
 Kalahari Desert, Farini's Routes, viii. 486  
 Matebele and Mashona Lands, iii. 353, xiii. 64  
 Routes between the Umfule and the Zambesi (s.m.), v. 269  
 Matabele and Mashona Lands, Mr. Selous's Routes in, x. 324  
 Mashonaland, Mr. Bent's Routes, xiv. 352  
 Mashonaland and Country from Tete to Lake Nyasa, Mr. Kerr's Route, viii. 136  
 Mushonaland. Route between Inyati and the Zambesi, Bp. of Bloemfontein, xii. 372  
 Mashonaland, Environs of Gubuluwayo, xii. 712  
 Mashonaland, Eastern, Mr. Selous's Routes, xii. 192  
 Okavango River (s.m.), iii. 44  
 Sabi River, Delta, and Lower Course, v. 272  
 Sabi, Watershed between Tributaries of Zambesi and, Selous, vi. 284  
 Zambesi Region, Central, iii. 192  
 Zambesia, Senna to Manica, iv. 373  
 Zambesi to the Mazoe, Andrada's Route, iv. 418  
 Zambesia, Tete to Makanga, viii. 508  
 Zambesi to the Pungwe, viii. 508  
 Zambesia. Mr. Selous's Routes, xi. 260  
 Zambesi, Upper, Rev. F. Schindler's Route (s.m.), xiv. 632
- West Central Africa (Lower Guinea, Congo, etc.)—**  
 Buchner's and Pogge's Routes, iv. 679  
 Physical Map of S.W. Africa, v. 752  
 Silva Porto's Route, ix. 790

**West Central Africa (Lower Guinea, Congo, etc.)—continued.**

- Arnot's Routes from Benguela to Garenzanze, xi. 128  
 Congo Free State (s.m.), vii. 272  
 Congo River, from its Mouth to Bolobo, v. 632  
 Congo, from Stanley Pool to Bangala, vii. 416  
 Congo, with Charts of its Tributaries, viii. 680  
 Congo Region, Central, with Inset of Congo Rapids, xi. 404  
 Ogowe, Congo, and Kulu Rivers, Stations on the, vi. 686  
 Ogowe-Congo Region, viii. 770  
 St. Salvador (Congo). Explorations in Neighbourhood of, iii. 64  
 Stanley Pool (s.m.), vi. 72  
 Southern Part of Portuguese Possessions, Lord Mayo's Route, v. 504

**Central Africa—**

- Junker's Journeys between the Nile and the Congo, ix. 466  
 Sketch illustrating Mr. Will's Paper, ix. 330  
 Route of the Emin Relief Expedition, xii. 372  
 Albert Nyanza, etc., Emin and Stuhlmann's Routes near, xiv. 542  
 Aruwimi River, Mr. Stanley's Route (s.m.), xi. 262  
 Bahr Ghazal Territory, Lupton's Routes in, vi. 304  
 Bangweolo, Luapula, and Lualaba, vii. 104  
 Gondokoro, Environs of, Capt. Watson (s.m.), xi. 645  
 Karonga to Katanga, Sharpe's Route, xii. 425  
 Kassai to Nyangwe, Pogge and Wissmann's Route, v. 184  
 North of the Equator, ii. 336  
 Nyam Nyam Country (s.m.), iii. 301  
 Tanganyika Lake, iv. 64  
 Tanganyika. Southern Part, iv. 64  
 Tanganyika Basin, xi. 640  
 Tanganyika to Garenganze, Sharpe's Route, xiv. 68

**West Africa (Senegambia, Upper Guinea, Niger, etc.)—**

- Ashanti, vi. 488  
 Binue River, Upper, ii. 326  
 Cameroons, Mount, i. 288  
 Cameroons District, iv. 618  
 Cameroons, showing the Bantu Borderland in W. Africa, x. 676  
 Cross River (s.m.), x. 436  
 Kebbi River (s.m.), xiii. 512  
 Niger Delta, x. 812  
 Niger and Binue Rivers (s.m.), xiii. 512  
 Sierra Leone, illustrating Mr. Garrett's Paper, xiv. 512  
 Togoland, vii. 377  
 Volta, Basin of the, viii. 288  
 Yoruba Country, illustrating Mr. Millson's Paper, xiii. 644

**Madagascar—**

General, i. 688

Antanambalana River, xi. 324

Imérina, the Central Province, xiv. 816

South-East Provinces, Deans Cowan, iv. 584

**African Seas—**

Meteorological Charts of the Red Sea and off Cape Gardafui, x. 748

**AMERICA.**

Cantino Map, published 1513, xiv. 605

Juan de la Cosa's Map, xiv. 601

**NORTH AMERICA.****General—**

Colonies of Northmen and Portuguese, vii. 26

**Greenland. See Arctic.****Alaska—**

Chilcat Country, etc., xiii. 136

Mount St. Elias, etc., Lieut. Seton

Karr's Journey to, ix. 330

Mount St. Elias and Vicinity, xiii. 468

Northern Delta of the Yukon, etc., iv. 712

North-West, Lieut. Ray's Explorations in, vi. 678

**British Possessions—**

Athabasca District, v. 688

British Columbia, Part of, xiii. 136

Hudson's Bay and Part of Canada, iii. 640

Hudson's Bay and Hudson's Straits, x. 612

Labrador, Peninsula of, x. 260

Selkirk Range, British Columbia, xi. 196, xiii. 576

**United States—**

Mississippi, Source of the, vii. 24

Salton Lake, California, xiv. 312

**Central America and West Indies—**

British Honduras (s.m.) and Part of Western Frontier, ix. 421

Cockscomb Mountains, xi. 548

Guanahani (San Salvador) and Watling Island, xiv. 593

Guatemala, v. 248

Watling Island to Cuba, Columbus's Route, xiv. 595

Yucatan, Route from Bacalar to Santa Cruz, Miller, xi. 24

**SOUTH AMERICA.****General—**

Part of South America, iii. 448

**Brazil—**

Physical Map, viii. 136

Fernando de Noronha, x. 484

Rio Duce and Tributaries, x. 116

Madeira, Purus, and Beni Rivers, xi. 524

**British Guiana, ii. 588—**

North-West District, xiv. 678

Part of, vi. 488

Roraima and Neighbourhood, vii. 560

**British Guiana—continued—**

Roraima, Mr. im Thurn's Route to, vii. 560

Tribes, Distribution of, xiv. 683

**United States, Columbia, and Venezuela—**

Central and Western Provinces of Columbia, v. 312

Goajira Peninsula, vii. 840

Magdalena, Northern Part of State of, i. 752

Sierra Nevada of Santa Marta, iii. 768

**Ecuador, Peru, and Bolivia—**

Atacama, District of, i. 816

Beni River, v. 376

Bolivia, Eastern, iii. 448

Bolivia, Tableland of, iv. 712

Ecuador, Mr. Whymper's Routes in (s.m.), iii. 512

Madeira, Purus, and Beni Rivers, and Inset of Bolivia, Col. Labre's Routes, xi. 524

Peru, Mr. Ross's Routes in Central, xiv. 432

**Uruguay, Argentina—**

Gran Chaco, xi. 130

Patagonia, E. Central, v. 85

Uruguay, ii. 720

**OCEANIA.****Australia—**

Part of Central, surveyed by Mr. Winnecke, vi. 614

South. Mr. Lindsay's Explorations in, xi. 704

**New Zealand—**

South Island and Great Tasman Glacier, vi. 112

King Country, vii. 272

Tarawera District, viii. 808

**New Guinea and Neighbouring Islands—**

General Map, and Part of South Coast, vi. 244

Fly River, i. 80

Jubilee and Philp Rivers, ix. 658

Louisade and D'Entrecasteaux Islands, xi. 580

South-Eastern, Rev. J. Chalmer's Explorations in, ix. 140

South-Eastern, and Owen Stanley Range, xii. 256

**Western Pacific—**

Capt. Bridge's Cruises in, viii. 608

New Britain, N. E. Portion, iii. 128

Solomon Islands, x. 404

Solomon Islands, with North Coast of Guadalcanar, xii. 444

**ARCTIC REGIONS.****Arctic Europe and Asia—**

Coasts of, i. 80

Barents and Kara Seas, ii. 80

Barents Sea, Mr. Leigh Smith's Expedition of 1881-82, v. 248

Franz-Josef Land, South Coast, iii. 192

Greenland and Spitzbergen Seas, Ice-chart of, iii. 768

**Arctic Europe and Asia—continued—**

Matyuskin Shar, ii. 80  
 Russian Lapland, iii. 656

**Arctic America (see also Alaska)—**

Greely's Expedition, Explorations by  
 Lieut. Lockwood, vi. 686  
 Greenland, Dr. Nansen's Route, xi.  
 524  
 King William Land, ii. 720  
 Wrangell Land, Preliminary Map, iv.  
 64

**GENERAL.**

Bathy-Hypsometrical Map, illustrating  
 Prof. James Geikie's Address, xiv. 664  
 Behaim's Globe, xiv. 592  
 Great Oceans, viii. 808  
 Isochronic Passage Chart, iii. 704  
 Isotherms and Isobars, xiii. 192  
 North Atlantic, Currents of the, xiv. 620  
 Population and Settlement of the Lands  
 of the Globe, xiii. 64

### III. INDEX TO THE ILLUSTRATIONS IN THE PROCEEDINGS OF THE ROYAL GEOGRAPHICAL SOCIETY, 1879-92.

**EUROPE.****Caucasus—**

Mount Ushba, x. 340  
 A Spur of the, x. 404  
 Mount Tetnuld, from the western  
 shoulder of Gestola, x. 692  
 Koshtantau, from the Salananchera  
 Glacier, xi. 352  
 Dychtau and the Mishirgi Pass, xii. 264  
 From above Karaoul, xii. 270  
 From the Khrumkoll Glacier, xii.  
 277  
 From the Saluinan Chiran, xii. 282  
 Basardjusi, the North-East Slopes of,  
 xiii. 323  
 Central Valley of the Bubi Skali, xiv. 104  
 An Ossete village, xiv. 104  
 Adai Khokh Group, Panorama of,  
 xiv. 140

**ASIA.****Turkey in Asia—**

Cilicia Tracheia. Ancient Polygonal  
 Fortress at the Olbian Cave, xii. 449  
 The Devil's Gorge, xii. 450  
 Rock-cut Bas-Reliefs in Sheitan  
 Dere, xii. 451

**Arabia—**

Bahrain Islands, Sheikh Seid ben Omar  
 in Sheikh Essau's Palace, xii. 6  
 The Mounds at Ali, xii. 12  
 Mosque at Manameh, xii. 3

**Persia—**

Ab-i-gargar, Dam on the, xiii. 594  
 Astrabad to Shahrud. Section across  
 hypothetical direction of Anticlinals,  
 v. 83

**Afghanistan and Baluchistan—**

Kandahar, Routes to—  
 Plain of Dasht-i-Bedaulat, ii. 213  
 Valley leading to Mulazim Skobaie,  
 ii. 216  
 Kujlak, looking down the Vale  
 towards, ii. 217  
 View from Vicinity of Ahmedun, ii.  
 219  
 Zhob Valley, View looking down the,  
 ii. 222

**Afghanistan and Baluchistan—continued—**

Kandahar, Routes to—  
 Tsarot Tungi, ii. 229  
 Plains of Pishin, looking south-west,  
 ii. 229  
 Siazgai Mt., ii. 236  
 On March to Derajat, View west-  
 ward, ii. 237  
 View through the Anumber Gap, ii.  
 239  
 Pishin, Section of Route from the  
 Indus to the Plains of, ii. 241  
 Sukhur, on the Indus, ii. 531  
 Nari Gorge, ii. 533  
 Sibi, Approach to; the Kachi Desert  
 and Railway, ii. 533  
 Harnai Valley, Kalipat Mountain in  
 distance, ii. 535  
 Chapar Rift, the, ii. 536  
 Bolan Pass, ii. 537  
 Panoramic View of Quetta, ii.  
 537  
 Pishin Valley, Khoja Amram Range in  
 Distance, ii. 539  
 Khojak Pass, View from Summit of,  
 ii. 541  
 Kandahar, Approach to, ii. 544  
 Penjdeh. Yaki Deshik Caves (Upper  
 and Lower Stories), vii. 585, 587

**India and Himalayas—**  
 Abor Country, Distant View of, iv.  
 677  
 Maluratta Country—  
 Junnar, iv. 460  
 Torna, iv. 461  
 Rajgarh, iv. 462  
 Partabgarh, iv. 465  
 Vishalgarh, iv. 467  
 Singarh, Distant View of, iv. 470  
 Bowragarh, iv. 472  
 Raigarh, iv. 475  
 Mahabaleshwar, Arthur's Seat at, iv.  
 476  
 Bhore Ghat Incline, iv. 477  
 Nepal Peaks, View of the, viii. 216  
 Sikkim and Tibet. Palace of Rajah of  
 Sikkim at Tamlong, ii. 326  
 Chola Lake and Pass, Kanchan-janga  
 in the Distance, iii. 327

**India and Himalayas—continued—**

- Sikkim and Tibet. Chokham Lake above Chola Pass, Mount Changu Kang in the Distance, iii. 328  
 Bhewsa Lake, Mount Kanchanjanga in the Distance, ii. 329  
 Turn at Foot of Yakla Pass, iii. 332  
 Yakla Pass and Lake, Mount Chumalari in the Distance, iii. 333  
 Turn on Ascent to Yakla Pass, Darjiling Hills in the Distance, iii. 331  
 Nimyetso Lake, iii. 334  
 Bidantso Lake, Mt. Gimpuchi in the Distance, iii. 335  
 Jyelap Pass and Lake. Mounts Chumalari and Changu Kang in the Distance, iii. 337

**Indo-China—**

- Siam. Loi Chaum Haut from Plain of Kiang Dow, viii. 13  
 Zimme Plain. View of North End of, viii. 14  
 Upper Burma. Travelling Chair of the Kasias, xi. 202  
 Section of Suspension Bridge on Rivers of, xi. 203  
 Bamboo Fish-trap in, xi. 212

**Chinese Empire—**

- China. Plan of a Tomb in the Imperial Mausolea, v. 26  
 Fuen-Ho River, xii. 61  
 Kansu, High Road in, xii. 70  
 Hills of, xii. 67  
 Kulang Hsien, Pass near, xii. 72  
 Pa-li-kul (Barkul), xii. 80  
 Urumtsi, Neighbourhood of, xii. 70

**INDIAN OCEAN.**

- Christmas Island. Diagrams of the Formation of, x. 623

**AFRICA.****Egypt—**

- Jebel Zeit. Section of, viii. 502

**South Africa—**

- Mashonaland. Ruins at Zimbabwe, vii. 442  
 Ancient Tower at Zimbabwe, vii. 443  
 The Pioneer Expedition on "trek" past a Kopje, xiii. 4  
 The Ruins on the Lundi River, xiii. 13  
 The Ruins of Zimbabwe, xiii. 16  
 Circular Ruin at Zimbabwe, xiv. 274, 275  
 Plan of Ruins on Zimbabwe Hill, xiv. 276  
 Plan of Ruins at Matindela, xiv. 275  
 Plan of Ruins on Lundi River, xiv. 276  
 The Round Tower in the Circular Ruin at Zimbabwe, xiv. 278  
 Birds and Fragments of Bowls from Zimbabwe, xiv. 283-287  
 General Plan of Zimbabwe, xiv. 352

**West Africa—**

- Kebbi River. View of Dinghi, xiii. 468  
 View of Pannu, xiii. 470  
 Below Chow, xiii. 473

**NORTH AMERICA.**

- Hayes River, Diagram of Landslip on, showing Depth of Frozen Soil, ix. 772  
 St. Elias, Mount, from the Malaspina Glacier, xi. 468

**CENTRAL AMERICA.****British Honduras—**

- Victoria Peak, Cockscomb Range, xi. 547, 549  
 Cockscomb Peaks, Outline of from Scorpion Bank, xi. 546

**Guatemala—**

- House at Usumacinta, v. 199  
 Pyramidal Temple at Tikal, v. 194  
 Building at the Ruins of Tikal, viii. 597  
 Plan of the Ruins of Copan, viii. 608  
 Sculptures and Inscriptions from Quirigua, Copan, Menché, and Tikal, viii. 608

**SOUTH AMERICA.****British Guiana—**

- South Side of Mount Kukenam, vi. 458  
 Mount Roraima, vi. 461  
 Mangroves and Palms at Barima Sand, xiv. 666  
 The Savannah, xiv. 667  
 Upper Reach on River, xiv. 671

**Ecuador—**

- Sangai, as seen from an Elevation of 17,400 feet on Chimborazo, iii. 458

**AUSTRALASIA AND PACIFIC.****New Guinea—**

- Philp River. Mr. Bevan making Friends with the Tumtans, ix. 597  
 Jubilee River. Farthest Point reached, ix. 599  
 Mount Owen Stanley, Silhouette of Sky-line of, xii. 560

**Pacific Islands—**

- Falcon Island, Tonga Group, xii. 160

**ARCTIC REGIONS.**

- Franz Josef Land, Cape Crowther, iii. 132  
 Cape Neale, Land Ice near, iii. 134  
 Plan of Flora Cottage, Cape Flora.  
 Mr. Leigh Smith's Winter Quarters, v. 215

**GENERAL.**

- Oceans. Diagrams showing Temperature and Density Sections of, viii. 808  
 Medal presented to Mr. Stanley, xii. 257  
 Portrait of H. W. Bates, xiv. 245  
 Portrait of Christopher Columbus, xiv. 585

# GENERAL INDEX OF THE PROCEEDINGS

## OF THE

# ROYAL GEOGRAPHICAL SOCIETY,

## 1879-1892.

\* Signifies independent articles, or notes of some length.

† Notices of Publications.

### A.

- Aa, van der. *See* Van der Aa  
 Aarau Geographical Society, "Jahrbuch" of the, ix. 121  
 Ababdi tribe, ix. 660  
 A-Babua tribe, v. 34  
 Abadeh, ruined village of, Persia, v. 142  
 A-Baramba tribe, v. 34  
 A-Barambo country, Junker in, iv. 569  
 A-Bassango tribe, ix. 295  
 Abazanzi tribe, Matabeliland, i. 510  
 Abazek, Caucasus, xiv. 175, 176  
 Abbadie, M. d', v. 235; on the course of the Omo, xi. 249; on the determination of altitude by the species of plants, i. 176; on the orthography of geographical names, vi. 422; on Mount Wocho, Abyssinia, x. 389  
 Abbate, E., Guida al Gran Sasso d' Italia, xi. 51†  
 Abbazia-Fiume, Map of Environs of, xiii. 131  
 Al-bid, Persia, v. 153  
 Abbott, Capt. Jas., journey to Badghis country, vii. 285  
 Abbott, Mr., on trade of Persia, xi. 104  
 Abdullah-khan, ruins of robat, v. 6  
 Abdul Nabi, Haji, v. 721  
 Abed ben Salim, sheikh, v. 165  
 Abeokuta, W. Africa, xii. 611  
 Abercorn, Lake Tanganyika, xiv. 36  
 Abercromby, Hon. J., A Trip through the Eastern Caucasus, xii. 118†  
 Abercromby, Hon. R., Forecasting by Weather Charts, viii. 280†; Seas and Skies in many Latitudes, xi. 122†; Nature of Weather Changes, etc., ix. 719†  
 Aberdare, Lord—  
   Opening addresses, ii. 772; iii. 743; iv. 757; v. 729; vi. 687; viii. 792

### Aberdare, Lord—continued—

- Annual ditto, iii. 385; iv. 329; v. 377; vi. 365; vii. 417  
 Remarks on: E. African Expedition, ii. 742; Highway to Kandahar, ii. 546, 548; Andes, iii. 469, 470; Kuldja, iii. 165, 168; Bolivia, iii. 418, 419; Sarawak, iii. 205, 208; Temperate South Africa, iii. 18; Turkoman Country, iii. 543, 546; v. 19, 22; Sikkim, iii. 339; Sierra Nevada de Santa Marta, iii. 722; Voyages of Eira, iii. 146, 150, v. 221, 227; Atlas Mountains, etc., iv. 367; Makua Country, iv. 210, 212; Irawadi, iv. 273, vii. 325, 331; Madagascar, iv. 534, 536; Tanganyika, iv. 26, 27; Merv, iv. 354; Mahratta Country, iv. 480; Gold Coast, iv. 501, 507; Malay Peninsula, iv. 409, 411, v. 5; Rovuma, iv. 273; China, v. 453, 457; U.S. Columbia, v. 265, 267; Basins of Amaru-mayu and Beni, v. 341, 347; Central Persia and the Sea, v. 130, 137; New Guinea, v. 514, 516; Ashanti, vi. 451; Kafiristan, vi. 1, 18; Journey to Lake Shirwa, vi. 655; Bahr-el-Ghazal Province, vi. 253, 255; Lower Congo, vi. 193, 196; Alps of New Zealand, vi. 66, 70; Region East of Nyassa, vi. 534, 535; Oxus, vi. 501, 507, 509; Somal and Gallaland, vi. 272; Masailand, vi. 712; Himalayas, vi. 441, 447; King Country, vii. 223; country between Zambesi and Rovuma, vii. 449, 452; Formosa, vii. 20, 22; Mt. Roraima, vii. 533; Afghan Boundary, vii. 284, 292; Irawadi, vii. 325, 331; Kilimanjaro Expedition, vii. 157, 159; Melanesia, viii. 565, 567; Ruins of Copan, xiii. 594, 595; Geographical Education, viii. 116, 120

**Aberdare, Lord—continued—**

- Remarks on presenting medals, iii. 431-3, iv. 431, 433, v. 418, 420, vi. 416, 417, vii. 474, 476; at anniversary dinner, iii. 436, v. 424, vi. 420; on President's address, xiii. 504; on relief of Leigh Smith, iv. 42; on F. de Lesseps, v. 735; on Nordenskjöld's Greenland expedition, v. 231; on relief of Greely, vi. 90; letter to De Long's widow, vi. 155; on death of Sir B. Frere, vi. 408; on Geographical Education, viii. 529; on death of Mr. Bates, xiv. 191
- Aberdare mts., E. Africa, vi. 704, x. 724
- Abgal, nomad tribe, v. 717
- Ab-i-Baznft and Ab-i-Bors rivers, xii. 539, 540, 550
- Abich, H., barometrische Höhenbestimmungen auf dem Armenischen Hochlande, ii. 708 †
- Ab-i-diz river, xii. 513, 520, 520
- Abigargar canal, v. 827; river, xii. 521, 529
- Ab-i-Gharm stream, Turkostan, vi. 512
- Ab-i-Gum, i. 59
- Ab-i-shateit, S.W. Persia, xii. 521
- Ab-i-shur or Fahlyun river, v. 161
- Abiskun, Caspian (see Abuskun), v. 171
- Abistada Lake, i. 40 note, 198, 199, 354; overflow of, i. 333
- Ab-i-zero river, Persia, v. 151
- Abkana pass, Safid Koh, i. 45
- Abkhasians, Language of the, Baron P. K. Uslar, x. 176 †
- Abney, Capt., and C. D. Cunningham, Pioneers of the Alps, x. 46 †
- Abo people, Cameroons, iv. 589
- Abo river, W. Africa, iv. 586
- Aboma tribe, Africa, v. 707
- Abor country, Upper Brahmaputra, Capt. Michell's sketch of, iv. 676; Excursion in, J. F. Needham, viii. 313\*; proposed expedition into, xiii. 685
- Abord tribe, Tibet, iii. 315
- Abosu, Gold Coast, iv. 505
- Aboubakar, Pacha of Zeila, v. 558
- Aboulfeda, Geography of, S. Guyard, v. 676 †
- Aboulquâsem Ben Ahmed Ezziâni, Le Maroc de, 1631 à 1812, xii. 637 †
- About, E., De Pontoise à Stamboul, vi. 168 †
- Abramot, M., Russian geographical work of, ix. 423
- Abresham or Kal Mura river, Persia, xii. 593
- Abreu, João Gomez d', voyage to Madagascar, i. 648
- Abreu, Jorge d', journey into Somaliland, vi. 256
- Abrolhos Banks, v. 595
- Abudja, Niger river, v. 659
- Abu Fanâna, ix. 665
- Abu Hamed, Nubia, vi. 326-330
- Abu-Hashim, Nubia, vi. 329
- Abu-Inteh-Shurrut, Nubia, vi. 330
- Abulfeda. See Aboulfeda.
- Abu Rakib, Nubia, vi. 332
- Abu Shih, Wadi, ix. 680
- Abuskun, Caspian, i. 164
- Abyshkan, lake, desiccation of, viii. 645
- Abyssinia—**
- Abyssinia and the Italian Colony on Red Sea, x. 476 †
- Achinoff's Mission to, Vic. de Constantin, xiv. 807 †
- Area and Population of, vii. 104
- Cultivation in, zones of, Dove, xii. 253
- Early explorations in, iii. 682
- Expedition in, Vizont, iii. 379 †
- Expeditions in:—Cecchi and Chiarini, map, ix. 64; Italian, iv. 547; Raffray, iv. 241, 242; Rohlf's, iii. 186, map, v. 55; Schuver, iv. 44, 230; Stecker, iv. 107, v. 551
- Flora of, Schweinfurth, xiii. 734
- Maps:—Camferio's, ix. 788; della guerra in, x. 186
- My Mission in, Rohlf's, v. 305 †
- My Mission to, Portal, xiv. 132 †; correspondence on, x. 540
- Portuguese embassy to, 1520-27, Alvarez, iii. 763 †
- Visit to, Winstanley, iii. 504 †
- Abyssinian claims on Red Sea, vi. 95
- Academy glacier, xiv. 698
- Acala, province of, viii. 589
- Acclimatisation, Oppel on, ix. 690; Felkin on, xiii. 630
- Accra, Gold Coast, area and population, vi. 620; rainfall and temperature, x. 533
- Accra to Mansue, sketch map of road, iv. 254
- Achelis, Methode und Aufgabe der Ethnologie, vii. 409 †
- Achewa tribe and language, xii. 152, 153, 157
- Achicuya plateau, Central Africa, iv. 510
- Achin, Dr. Bassler's visit to, xiii. 732
- Achinoff's Mission to Abyssinia, by Vicomte de Constantin, xiv. 807 †
- Achmet Yusauf, v. 717
- Achsu pass, Caucasus, x. 1, 672
- Ackawoise Indians, British Guiana, vi. 456
- Ackermann, K., Physical Geography of the Baltic, v. 742 †
- Aconagua peak, S. America, vi. 658, 660
- Acora stream, Gold Coast, v. 38
- Acosta, J. de, The Natural and Moral History of the Indies, edit. Markham, ii. 459, 709 †
- Acre, Rio, district of, Brazil, xii. 240
- Actinia haven, i. 23
- Ada glacier, Chilian Andes, vi. 660
- Adai Khokh Group, xi. 673, xiv. 100; height of, x. 688; bibliography of district, xiv. 110
- Adakhan village, v. 162
- Adal and Harar Countries, Explorations in, Paulitschke, vi. 425 †
- Adalb, F., and J. v. Langegg, Old Cairo, vi. 346 †
- Adalia, Asia Minor, vi. 312



- Adam Ranges, S. Australia, vi. 568  
 Adamaua country, v. 551  
 Adami, F., Ein neuer Projektions-Globus, xiv. 576†  
 Adam-Krilgan, iii. 727  
 Adams, A., Travels in Japan and Manchuria, x. 320†  
 Adams, Capt., Arctic voyage, iii. 659  
 Adams, C. C., director of Geographical Exhibition at New York, xii. 755  
 Adams, W. H., In the Far East (Cochin China, etc.), i. 221†  
 Adams-Reilly, A., obituary of, vii. 390  
 Adamson, Mr., on Malayan peninsula, iv. 411  
 Adam-yölan well, Persia, v. 5  
 Adana, plain of, Anatolia, vi. 321, 322, xiv. 57  
 Adari, Bahrein islands, xii. 9  
 Addo or Yewa river, W. Africa, xii. 597  
 Address, annual, on the progress of geography—  
   Markham, i. 353; Northbrook, ii. 401; Aberdare, iii. 385, iv. 329, v. 377, vi. 365, vii. 417; Lorne, viii. 417; Strachey, ix. 381, x. 405, xi. 405; Grant Duff, xii. 373, xiii. 381, xiv. 353  
 Address, jubilee, from R.G.S., to Queen, ix. 438  
 Addresses and remarks on opening session—  
   Alcock, i. 1; Northbrook, i. 753; Aberdare, ii. 772, iii. 742, iv. 757, v. 729, vi. 687, viii. 792; Lorne, vii. 773; Strachey, ix. 765, x. 800; Grant Duff, xi. 740  
 Adela or Adäl, vii. 96  
 Adelaide, longitude of, C. E. Peek, v. 488  
 Ad-elans, Abyssinia invaded by, vii. 96, 97  
 Adeli country, xiv. 499  
 Adelmänn, A., Am ligurischen Meere, vi. 53†  
 Aden, British annexation near, iv. 608; trade and government, vii. 104; meteorology of Gulf of, x. 705, 706; (and Perin) population of, xiii. 612  
*Adenium Somalense*, arrow poison of, vii. 639  
 Adi river, E. Africa, iv. 751  
 Adinapur district, i. 43  
 Adish glacier, Caucasus, vii. 600, x. 339  
   note, 342, 780, 781, xiv. 111, 457  
 Adler, F. See Curtius.  
 Admiralty Manual of Scientific Inquiry, xi. 651  
 Admiralty surveys, annual summaries, i. 369, ii. 418, iii. 396, iv. 337, v. 386, vi. 377, vii. 427, viii. 434, ix. 345, x. 417, xi. 413, xii. 387, xiii. 396, xiv. 376; reports on, iv. 351, v. 593, vii. 797; index to charts and plans published by the Hydrographic Office, i. 414  
 Adone tribe, Somaliland, vii. 633, 642  
 Adria District, Physiographical Study of, ix. 709†  
 Adrianot, M., expedition to Western Siberia, iii. 490; explorations in Kuznetsk region, iv. 110  
 Adriatic, Borders of, Yriarte, i. 284†; physical researches in, i. 404; coast map of, Schimpff, ii. 143; chart of, Imbert, ii. 719; work on, Schweiger-Lerchenfeld, v. 49; map of coast, vi. 363; From Adriatic to Sarajevo, xiv. 340†  
 Adulis, bay and port of, vii. 99, 107, 401; Ptolemy's positions in, xiii. 542; ruins of, xiii. 547.  
 Adyl pass, Caucasus, x. 691  
 Adyl-su glacier, Caucasus, vii. 599  
 Adyr pass, Caucasus, 691  
 Ægean, An Autumn Cruise in, Fitz-Patrick, ix. 223†; The Islands of, Rev. H. Tozer, xiv. 224†  
*Ægoceros Pallasi*, vii. 601  
*Ægyceros melampus*, S.W. Africa, v. 464  
 Aerial formations of soil, V. d'Aoust on, vii. 614; J. Garnier on, viii. 52  
 Aenckens, F., plan of Heligoland, ix. 265  
 Afar o Donakil, map by G. Cora, vii. 351  
 Afar, Obok and Assab, area and population, vii. 104  
 Affridi Tirah, region of, vi. 370  
 Afghanistan—  
   A. and the Anglo-Russian Dispute, Rodenbough, vii. 833†  
   Boundary commission and question, vi. 662; vii. 39\*, 160\*, 273\*, 607, 667; viii. 267, 273, 429, 644, 667, 668, 783; ix. 574, 649; Letters from, Yate, x. 474†  
   Cabul, map of country from the Indus to, Kiepert, i. 156  
   Candahar, new routes to Holdich, i. 729; tribes about, Temple, ii. 187  
   Claims of, in the Pamir, xiv. 30  
   Country and People of, Chavanne, i. 147†  
   Country between Candahar and Girishk, Beavan, i. 727, ii. 548  
   English discoveries in, Paquier on, ii. 515  
   Industrial and commercial Geography of, Harnish, xiv. 131  
   Inhabitants of, i. 639  
   Jalalabad region, Simpson, i. 727  
   Journey of Russian Embassy to, Yavorsky†, iv. 755; v. 302  
   Journey on N.W. Frontier, MacGregor, i. 344†  
   Journeys in, Maitland and Talbot, ix. 102\*; Matveyeff, ii. 249  
   Maps of:—Wilson, i. 62, 412; Surveyor-General, i. 390; Russian, theatre of war, i. 613; Johnston, i. 748; (northern), General Walker, ii. 397; T. R. Johnston, vii. 350; Freytag, vii. 411; Letts' bird's-eye view, ib.; (north-west), War-office, vii. 775; Thuillier, xiii. 244  
   Mountain Passes on Indian Frontier, Markham, i. 38\*  
   Notes on†, Raverty, ii. 698, iii. 692, vi. 354  
   Pischin valley, Gore, i. 728



**Afghanistan—continued—**

Progress of knowledge of, since 1830, iii. 613

Routin in, between Kurram and Ghazni, ii. 564

Shorawak valley, etc., Campbell, i. 728

Sketch of, Ortoy, x. 395 †

Surveys, etc., during campaign in, i. 64, 458, 617\*, 712, ii. 406, 407, 424, 582, iii. 50\*, 399, iv. 343, 344

Survey from the Oxus to Herat, Grodekof, i. 387

Afion Kara Hissar, latitude of, x. 162, 163

Atlas, W. Africa, vi. 620

Afram-Volta plain, viii. 248

**Africa(n)—**

Across, Cameron, vii. 486 †

Agreement, Anglo-German, correspondence respecting, xii. 638 †; Anglo-French, text of, *ib.* †

Association, International, claims in W. Africa, vi. 623; expeditions of, ii. 626, 775, 776, iii. 392, vii. 224, 226; reports of †, x. 807, 808

Cable-laying on coast of, Crouch, ix. 780 †

Cadamosto's voyages, Oldham on, xiv. 718

Cartography, Nordenskiöld, x. 589

Circumnavigation of, Müller, xii. 437

Colonization in, Carlyle, vii. 346

Companies, British, xii. 649, 664; Royal, Pamphlets relating to, xiv. 878 †

Conference on, at Brussels, vii. 223

Contemplation, Waller, xiii. 376 †

Contributions to knowledge of, Rohlf, iii. 248 †

Cultivation and states, map of, Ratzel, vii. 558

Dark, and the Way Out, Hughes, xiv. 571 †

Dark, new light on, Peters, xiii. 506 †

Deserts of, Tschihatchef, vi. 628\*; xiv. 180

Development of, x. 663, 664; by immigration, xi. 419, 420; Silva White on, xiv. 503 †

Elephants in, use of, i. 382; Cust on, iv. 381

Entanglements, Waller, x. 603 †

European activity in, viii. 686; Possessions, etc., in †, xi. 513, xii. 246, 638

Exploration in, 1788-1888, map showing, Supan, x. 482; fifty years', Waller, iii. 686; history of, Paulitschke, ii. 522 †

Exploration Fund, i. 96, 528; vii. 224; closed, ii. 761; report of committee, iii. 38

Explored and Civilized, ed. Faure, i. 538 †

Explorers, Africa as seen through its, Eden, iii. 61 †

Forests, Stanley on, xii. 313

French possessions in, map of, iii. 340

General form of, xi. 581

**Africa(n)—continued—**

Geological map, Zurich, ix. 656; structure of coast lands, xiv. 651

German, Baumgarten, x. 540; expeditions, i. 2, 75, xii. 378, xiv. 371;

African society, publications, vii. 617, viii. 344, xi. 460, dissolved, xi. 562;

possessions, map of, ix. 64; Work in, Soyaux, x. 177 †

Goldfields, ancient, Stuart, xiii. 637

Heathen, Heart of, MacDonald, v. 182 †

Heathenism, Trophics from, Young, xiv. 873 †

In the light of our days, Chavanne, iii. 375 †

In Darkest, Stanley, xii. 502 †

Italian exploration in, ii. 317, 564; possessions, map of, xi. 638

Ivory trade districts, map of, Reichard, xi. 521

Journey across, Matteucci and Massari, iii. 560, iv. 112

Knowledge of, in 1831 and 1881, compared, Grant, iii. 681\*

Lakes Company, Drummond commissioned by, v. 405; war with Arabs, xii. 726

Lands, comparative value of, S. White, xiii. 630

Languages of, Cust, vi. 101 †; map of, Ravenstein, vi. 175

Life in, Becker, ix. 713

Literature, 1500-1750, Paulitschke, iv. 391 †

Maps—Andree and Scobel, vi. 360, vii. 412, xii. 188, xiv. 201; Andriveau-Goujon, iii. 512; Arrowsmith, xii. 644; Atlas of, viii. 350; Bamberg

(wall), iv. 187; Bartholomew, xiii. 378; Berghaus (physical, wall), iii. 254; Chavanne (*id.*), i. 816, iv. 453;

Ch. Missionary Soc., i. 287; Cora, xii. 188; De Bissy (Dépôt de la Guerre), iv. 187, v. 55, 436, vii. 133,

viii. 135, x. 546, 746, xi. 466, xiii. 133, xiv. 663, 881; Gnebler, xii. 310;

Habenicht (Perth), vii. 700, viii. 64, 349, 413, ix. 396, 528, 656, 788, xiii. 745, xiv. 201, 350, 733; Handtke, viii. 135, 607, xi. 401, xii. 507, xiii. 310;

K. Johnston, i. 157, vi. 758, vii. 265; (library), i. 287; Kettler and Muller, vii. 412; Kiepert, ii. 717, vii. 60, ix. 788; (school wall), iii. 704; (physical, wall), iii. 704, vii. 412, xiii. 696;

Liebenow, vii. 676; Lüdecke, xii. 310; Maier, viii. 285, ix. 593, xiii. 133; Stanford (school), i. 159;

(library), xii. 310, xiv. 430; Sydow-Habenicht (wall), iv. 66

Mean altitude of, Chavanne, iv. 95; Heiderich, x. 589

Missionary explorations in, i. 2; map of, Cust, xiv. 137; Society, Church, proceedings of, xiv. 730

Pacific conquest of, Philibert, xi. 514 †

Papers on, Stewart, i. 538

**Africa(n)—continued—**

- Partition of, Rawson, vi. 615\*; Banning, x. 740†; Keltie, xii. 655\*  
 Past and Present, Moister, ii. 140†  
 People of, Hartman, i. 811†  
 Philology, progress of, Cust, vii. 750  
 Place-names, spelling of, xi. 562  
 Population and cultivable area of, xiii. 27, 28, 689  
 Portuguese civilization in, Latin and, Carvalho, xi. 570; early exploration in, i. 149; expeditions in, i. 272; Batalha-Reis on, xi. 686  
 Positions in, Duveyrier, ix. 519  
 Pygmy Tribes of, Schlichter, xiv. 503†  
 Quid novi ex Africa? Rohlf, ix. 261†  
 Railways in, vi. 596  
 Religions of, Oppel, ix. 715†  
 Round Africa, Joest, vii. 555†  
 Science, civilization, and commerce in, Minutilli, iv. 244  
 Slave-trade in, xii. 705  
 Society, "La Explorada," ii. 302; at St. Paul de Loanda, iv. 114  
 "States," boundaries of, vii. 539  
 Story of, and its explorers, Brown, xiv. 260†  
 Summaries of work in, i. 358, ii. 409, 588, iii. 390, iv. 335, v. 379, vi. 378, 588, vii. 424, viii. 430, ix. 337, x. 412, xi. 406, xii. 375, xiii. 391, xiv. 371  
 Survey, system of, for boundaries, etc., Holdich, xiii. 596\*  
 Telegraph, overland, through, i. 123, 217, 264\*  
 Trade, ancient, in interior of, xiii. 516, 517; Africa as a field for, Roberts, v. 432  
 Tropical, Drummond†, x. 475, xiii. 239  
 Water highways of, Stevenson, v. 498  
**Africa, British Central**, H. H. Johnston on, xii. 713\*; proposed work of, xiii. 227  
**Africa, Central.** [See also East, South, North, and West-Central.]  
 Across Africa, Cameron, vii. 486†  
 American mission in, proposed, ii. 45  
 Arabs in, Stevenson, x. 740  
 Boundaries of, 1890, map showing, xii. 507  
 Commercial future of, De Winton, x. 722\*  
 Congo Conference, map showing results of, vii. 352  
 Emin Pasha's province, map of, xi. 322  
 European occupation in, vi. 591, 597  
 Evolution of Lake Region of, iv. 627  
 Expeditions in:—Algerian Missionary Society, i. 453, 513, ii. 43, 691, 765, iii. 42; Becker, vi. 662; Bohndorff (Hassenstein on), vii. 693†, (map) vii. 700; Felkin and Wilson (map), iii. 254; Foa, xiv. 339; Giraud, vi. 341, vii. 120, 332\*, 603\*; Gleerup, viii. 596; Junker, iii. 244, iv. 227, ix. 399\*, (maps) ix. 398, xi. 401; Lenz, vii. 380; Reichard, vii. 603\*, viii. 344†; Sharpe, xii. 150\*, 744\*; Stan-

**Africa, Central—continued—**

- ley (1884-87), map, i. 80; (relief of Emin), xi. 253, (maps) xi. 253, xii. 123; Thomson, xii. 742, 752; various, ii. 764  
 Exploration of, v. 405; H. H. Johnston on, xiii. 635†  
 Gordon in, ed. Hill, iii. 503†  
 Lakes of Equatorial Africa, Giraud, xii. 361†  
 Lake, Great, reported, iv. 685; discovery of a new, ix. 439  
 Linguistic results of a journey in, Schweinfurth, viii. 132†  
 Maps of:—African News, xiii. 379; Baptist Missionary Society, vi. 175; Bartholomew, xii. 441, xiii. 310, xiv. 881; Berlioux, i. 544; Board of Missions, Boston, ii. 333; Chavanne, iii. 700, vi. 487; Friederichsen, vii. 200, T. B. Johnston, xii. 369  
 Missionary societies' stations, map of, xiv. 510  
 Missions, French, map of, Charmetan, ii. 334  
 Travels in, Junker† (and English translation), xii. 638, xiii. 442, xiv. 62, 725  
 Tribes of, Wolf, ix. 588†; Stanley, xii. 319  
 Water route to, Stewart, iii. 257\*  
 Watershed of, xiv. 826  
**Africa, East, East Central, East Equatorial—**  
 Across East African Glaciers, Meyer, transl. Calder, xiii. 125†  
 Arab and African, the, Pruett, xiii. 376†  
 Between Zambesi and Rovuma, note on Last's map of, xii. 223, 224; O'Neill on, vii. 430\*  
 Boundaries in, ix. 638; Anglo-German, ix. 188; map of, Kiepert, xii. 507, 772  
 Cape of Aromatics, Voyages to, Révoil, ii. 393†  
 Changes in map of, ix. 490  
 Civilization and trade in, v. 542, 543  
 Expeditions in:—Belgian, i. 207, 273, 361, 535, 537, 538†, 589, 787, ii. 123, 432, 562, Rankin on, iv. 273\*; Carter, ii. 761, iv. 14; Debaize, i. 402, Rabaud on, ii. 709†; Fischer, vii. 338; (third journey, map), ix. 64; German, iv. 105, 570, 572, vi. 88; Von Höhnelt, xiv. 412, 803; Keith-Johnston and Thomson, i. 3, 63, 128, 329, 362, 382, 452, 669, 755, ii. 102, 133, 182, 209\*, 264, 306, 506, 556, 689, 721\*; Last, vii. 455, viii. 99; Mackinnon-Buxton, i. 80; Mullens, i. 590; Pinto and Cardozo, viii. 329, 722; Pfeil, ix. 47, 340, (map), ix. 64; Stahlmann (map), xii. 442; Thomson, xii. 742, 752; Teleki, x. 533, (map), xii. 710  
 Game of, Willoughby, xii. 121†

**Africa, East, East Central, East Equatorial—continued—**

Geology of, iii. 378; von Höhnelt and others on, xiv. 810 †

German annexations in, vii. 239; map of, viii. 608; treaties made by Count Pfeil, ix. 492; protectorates in, extent of, ix. 493; enterprise in, Jannasch on, xii. 242. *See* Africa, East, German.

Heart of Heathen Africa, Macdonald, v. 182 †

Imperial British E. A. Company, x. 708, 722, 723

Makua Land, Maples on, iv. 79 \*

Maps of:—Berlioux, vi. 487; Denhardt, iii. 120; Kiepert, ix. 328, xiv. 66; Ravenstein (R.G.S.), ii. 444, iii. 224, iv. 628; (E. A. Co.), xi. 578; Wensierski, viii. 541, 607

Masai Country, Farler on, iv. 730\*; photographs by Gedde, xiv. 140. *See* Masai land.

My third campaign in, Price xiii. 184 †

Native routes in, K. Johnston, i. 417 \*

New Light on Dark Africa, Peters, xiii. 506 †

Ptolemy's Topography of, Schlichter, xiii. 513\*; description of, translated, xiii. 541

Rovuma district, Maples, ii. 337 \*

Surveys, marine, xii. 389

To the Central African Lakes and Back, Thomson, iii. 375 †

Trade in, Reichard on, xii. 241; between India and, Holmwood on, vii. 239

Travels in, Elton, i. 222 †

Tribes of, Last on, i. 788

Tropical A., Drummond †, x. 475, xiii. 239

Usambara country, Farler on, i. 81 \*

Volcanic eruption in, line of, xii. 332

Von der Decken's travels in, i. 741

War in, map of theatre of, xii. 573

Zanzibar, Correspondence relating to †, x. 540, xi. 233

**Africa, East, German, xii. 442; xiv. 733**

Boundaries of, xii. 664

Maps of:—Kettler (wall), xi. 322, xiii. 643 (hand), xi. 322, xii. 710; Moises, xii. 55; Weimar Geogr. Inst. xiv. 138

Orthography of names in, xiv. 771, 776

Soil and climate of, Schmidt, xi. 306

**Africa, North, North Central—**

Artesian Wells of, Rolland, xi. 507

Botany of, Cosson, iii. 763 †

Climatic and physical changes, iv. 632, 635

Coast line, changes of, Fischer, ix. 242

Easter in, Freshfield, xi. 58 †

Explorations in:—Buonfanti, vii. 183; Matteucci, ii. 507, 691; Rohlf, i. 75

History of, Mercier, x. 603 †

Routes to the Sudan, Blanc on, xi. 455

Ruchert, work on, vii. 55 †

Sahara and Sudan, Nachtigal, i. 610 †

Travels in, Barth †, xii. 572; xiv. 260

**Africa, North-East—**

Exploration in, xiii. 722; Italian, i. 666;

James, vii. 380; Junker, ii. 331, iii.

254; Schuwer, iii. 587, 736; iv. 44

Unknown horn of, James †, xi. 120; xiii. 568

**Africa, North-West—**

Lenz's expedition in, ii. 432

Rock inscriptions in, iv. 241

**Africa, South, South Central, South-East—**

Altitudes in, Gamble, ix. 320 †

Austral Africa, losing or ruling it,

Mackenzie, x. 50 †

Boundary commission, Anglo-Portuguese, in, xiv. 860

British sphere in, iii. 662, 663

Catalogue of Books relating to, Gamble, ix. 820 †

Climate of, Dove, xi. 253 †; and health in, Bonwick, ii. 140 †

Eight Months in an ox-waggon, Sandemann, ii. 141 †

European settlement in, Maund, xiii. 55

Expeditions in:—Anderson, i. 709;

Arnot, vii. 119; Coillard, ii. 320;

Depelchin, ii. 694; Erskine, iv. 187;

Holub, ii. 166\*, 761, (map), ii. 717;

Law (Umzila's country), iii. 306;

Monk, xi. 608; de la Fanouse, ix.

127; Pipeou-Wybrants (Umzila's

country), ii. 627; v. 271; Richards,

vii. 381; Selous, ii. 367; iii. 169;

vi. 284

General information on, xii. 246 †

Geography of, Greswell, xiv. 426 †;

Shaw, i. 539 †; for schools, Wilmot,

vi. 102 †; Anderson on, vi. 19\*;

eastern part, vi. 30

Geology of, vii. 618 †; maps of, Peter-

mann's Mitteilungen, Schenck, x. 612

Gold Fields, guide to, Penning, v. 498 †;

revisited, Mathers, x. 315 †

Handbooks to, Roberts, i. 345 †; Silver

and Co. †, ii. 709; xiii. 636

High-Commissionership, Correspondence

on, x. 740 †

History of, Theal †, x. 396; xi. 120; xiii.

375; Collected essays on, ed. Murray,

xiii. 636 †

Hunter's Wanderings in, Selous, † iv.

63; xii. 362

Maps of:—Bartholomew, xii. 645; T. B.

Johnston, ii. 334; v. 438; Juta, vii.

558; xi. 758; xiii. 643; xiv. 881;

Merensky, vi. 239; ix. 328; Grover,

i. 80, 157, 286; Portuguese, ix. 210;

Turner, ii. 718; Wyld, i. 749; ii. 784;

xi. 401

Mission Fields of, Carlyle, i. 148 †, ix.

61; stations in, iii. 9, 10; of French

Jesuits, v. 230

Narrative of Exploration in, Galton, xi.

751 †

Our Empire in, Greswell, vii. 555 †

Pinto's journeys in, Ribeiro on, ii. 270 †.

*See* Africa, West Central.

Pondoland, Correspondence on, x. 603 †

**Africa, South, South Central, South-East—continued—**

Portuguese possessions in, map of, xiv. 66

Positions in, Law, ii. 367

Republic of, x. 476; map (postal), xiii.

133; of S.W. frontier (War Office), vii. 266

Seven years in, Holub†, ii. 270; iii. 61, 319

Surveys of, iii. 7, 8; proposed, Gill on, ii. 185

Telegraphs of, xii. 55

Temperate, Sir B. Frere on, iii. 1\*

Traders in, iii. 11, 12

Traits of, Mackinnon, ix. 519†

Travels in, Muller, xiii. 694†; Tromp, i. 406†

Tribes related to Zulus, v. 285

Twenty-five years in, Anderson, ix. 779†

Twenty years in, Matthews, x. 476†

Zambezia, Maund on, xii. 649\*

**Africa, South-West—**

Climate, etc., of, von Steinächer, xi. 308

Expeditions in:—German, viii. 595;

Petit, v. 175; Schinz, ix. 243; Stapff, ix. 511

Geography of, Schlichter, xiii. 633

German, Schinz, xiii. 507†

Spheres of influence in, xii. 573

Through, Schinz, ix. 714†

**Africa, Tropical—**

Acclimatization in, Felkin, viii. 729

Climate of, report of committee on, xiv. 716

Mountain flora of, Engler, xiv. 871†

**Africa, West. [See also West Central, and separate countries.]**

Bantu Borderland in, H. H. Johnston, x. 633\*

British possessions, map of, Stanford, xii. 188

Coast of, vii. 62, 352; map, vii. 200; scenery of, i. 226

Cruise in Waters of, Crouch, xi. 394†

Ewe-speaking People of, Ellis, xiii. 54†

Exhibition at Paris, viii. 651

Expeditions in:—Bayol, iv. 178; De

Brazza, ii. 775; Buchholz, ii. 70;

Desbordes, iii. 563; iv. 46; Flegel,

iv. 568; French, ii. 42, 123, 124, 628,

690; Gallieni, ii. 185; German, xi.

375; Lecomte, x. 248; Rogozinski,

v. 173; Soleillet, i. 512; Soyaux, i.

741†; Staudinger and Hartert, ix. 211;

various, xii. 666

Fernando Po, Baumann, x. 396†

Flora of, xii. 614

Forestry of, Moloney, ix. 519†

France in, vi. 355†; possessions of, Brun-

Renard, vii. 767†

Geology of, xii. 611; map, iv. 187

German African Association in, iv. 678;

annexation in, vii. 183; official

mission to, vi. 283; possessions in,

map of, Hassenstein, vi. 61

**Africa, West—continued—**

Hygiene in, Scovell Grant, vi. 425†

Islands of, Ellis, vii. 258†

Loango Coast, Alexanderson on, ii. 707

Maps of, Ministry of Pub. Works, ii.

718; Méa, vii. 60

Missions of, exhibition of collections of,

Paris, viii. 599, 651

Nature and the Black Man, Barret, x.

177†

Okande Land, travels in, Lenz, i. 150

Photographs and descriptions, Moraes,

viii. 60

Railways in, xiv. 808

Seven years in, Bonche, vii. 196†

Sketches of, Lenz, i. 150†

Surveys off coasts of, iv. 552

Swedish settlement in, vii. 539

Three journeys in, Marche, i. 345†

Trade, markets for British, etc., x. 540†

Trader on the coast of, Capper, viii. 738

Vegetation and forest scenery of, x. 751

Yoruba country, Millson on, xiii. 577\*

**Africa, West Central, West Equatorial—**

Arab Traders in, Wissmann, x. 525\*

Banana to Kiamvo, W. Wolff, xi. 254†

Bashilange, map of district of the, Wiss-

mann, xi. 62

Benguella to Yacca, Capello and Ivens,

iv. 246, 701†

Conference on, Protocols, etc., of, vii.

490†

European claims in, map of, vii. 61

Exploration in, xi. 561; Arnot, xi. 65,\*

607; xiii. 688; Buchner, iii. 185, 370;

iv. 114; Capello and Ivens, i. 180;

330; ii. 647; Crampel, xiv. 241, 372,

727; xii. 553; Germans, v. 381;

Pinto, i. 481\*; vii. 44, 119; Pogge

and Wissmann, iii. 311; iv. 572,

maps, vi. 238, 548; Schutt, i. 808;

Wissmann, iv. 753; v. 163, 164; map,

xii. 55

Loanda to Kimbundu, Lux, ii. 70†

Map of, Hassenstein, v. 376

Report upon, and its people, Capt. G.

W. Bailey, viii. 674

Second Journey in, Wissmann, xiii.

508†; transl. Bergmann, xiv. 63†

Trade districts, map of, Friederichsen,

i. 286

Agar-chisme, springs at, v. 5

Agashtun glacier, Caucasus, xii. 269

Agassiz, A., American Thalassography, x.

477†

Agassiz, A. R., from Hai-phong to Canton,

xiii. 249\*

Agassiz, E. C., Life of L. Agassiz, vii. 769†

Agassiz glacier, ix. 270, 273

Age of Melbourne, expeditions to New

Guinea, vi. 217

Agenda, 1884, avec Éphémérides Gé-

ographiques, vi. 172†

Aggenko, A., Flora of the Crimea, etc.,

xiv., 500†

Aggomiut Esquimaux, viii. 458

Aghil Dawan Mount, height of, x. 507

- Aghil Range, xiv. 207, 781  
 Agnew, Lieut., exploration of the Upper Salwin and Lu rivers, xi. 170  
 Agoa Branca plateau, viii. 519  
 Agram, map of the neighbourhood of, v. 627  
 Agriculture in the tropics, Wohltmann, xiv. 877 †  
 Aguaray-Guázu river, Fernandez's explorations of the, ix. 581  
 Aguna and Western Akim, gold in, v. 37  
 Aguna-Swaydra, auriferous quartz at, v. 38  
 Agyar, M. E., astronomical chronometer invented by, v. 557  
 Ahár to Sarak, Col. Lovett's itinerary, v. 59  
 Ahinguran Ruh Mountains, viii. 139  
 Ahmadu, king of Segu, v. 36, 43; empire of, v. 428  
 Ahmedun village, ii. 218  
 Ahwaz, rapids on Karún, at, v. 125; xii. 519; Wells' journey from, to Shiraz, v. 156  
 Aidin Kul, xiv. 16  
 Aidin railway, Asia Minor, vi. 306  
 Ailo hill, Somaliland, curious cave in, vii. 645  
 Aimere river, xii. 467  
 Aino and Loochoan Languages, Astor on, i. 598  
 Ainos of Yezo, viii. 59. *See* Ainu.  
 Ainsworth, W. F., on the identification of the Pinarus with the Piyas, vi. 468; Personal Narrative of the Euphrates Expedition, x. 803 †; the River Karun, an opening to British Commerce, xii. 46 †; Ascent of Karun river, xii. 510, 512  
 Ainu of Japan, Batchelor, xiv. 886 †  
 Air on mountains, rarity of the, Whymper, on, xiv. 264  
 Aird river and hills, ix. 595, 596, 604  
 Aird river, Bevan's ascent of the, xii. 691  
 Airey, J., railway map of the Cumberland and Westmoreland districts, i. 347  
 Airlie, Mr., on the trade of the province of Maranhão, xi. 41  
 Airuk, Mount, height of, xi. 181  
 Airy, Sir G., on the influence of the Himalayan masses, vii. 687  
 Aitchison, Brigade-Surgeon, on the flora of the Kurram valley, i. 637; on the Herat valley, etc., vii. 153, 156  
 Aitoff, D., La projection zénithale équidistante, etc., xiv. 730 †; Région du Khingan, xiv. 867 †  
 Aitulan-Khanum river, Central Asia, xii. 164  
 Aivei or Jubilee river, New Guinea, xi. 86, xii. 692  
 Aja, latitude of, vi. 251  
 Ajawa tribe, viii. 83  
 Ajera river, W. Africa, xii. 597  
 Ajmir-Merwara, population of, xiii. 612  
 A—K—, Pandit, journey in Tibet, vii. 65 \*, 419, ix. 359; Tr. Saunders on, vi. 667;  
 A—K—, Pandit—continued—  
 various surveys of, vii. 83 *note*; rewards given to, vii. 83, 477; routes, Lithang to Sama, Gordon on, vii. 318, 319; Paris Society's medal awarded to, viii. 273, 471; map of S. E. Tibet, x. 579, 580  
 Akaishi Sphenoid mountains, Japan, ix. 91  
 Akenkon, Gold Coast, quartz reef at, iv. 504  
 Akba river, W. Africa, xii. 167  
 Aké, Yucatan, ruins of, v. 45  
 Akermann, M., receives medal on behalf of Dr. Nansen, xiii. 493  
 Akhal Atoek, i. 183  
 Akhal Tekko tribe, i. 183, iii. 534; oasis, v. 2  
 Akhi, the, of Asia Minor, vi. 324  
 Ak Jilga river, xiv. 12  
 Akka, Batua or Tikki-Tikki dwarf tribes, ix. 295, 407, 646, x. 391  
 Akmolinsk district, surveys in; ix. 437  
 Akpargafe river, West Africa, x. 635  
 Ak-robat, road through, to Afghanistan, v. 6; wells of, v. 7  
 Aksai defile, Russian Turkistan, x. 644  
 Aks-ak-Morul, Asia, xii. 32  
 Ak-Sayrak group of glaciers, Thian Shan, x. 599  
 Ak Serai, latitude of, x. 163  
 Ak Sheher, latitude of, x. 163  
 Aksu city, ix. 750; oasis, population of, ix. 230; road from, to Ush-turfan, ii. 495  
 Ak-Su river, Pamir, ii. 503, v. 392, vi. 136, 500, viii. 40, 98, xiv. 226, 784; depth of snow in valley of, xii. 635  
 Ak-Tepeh, vii. 281, 282, 288, 572, 582  
 Akudniramiut Esquimaux, viii. 458  
 Akuma-kuna, West Africa, x. 756  
 Akunda tribe, Central Africa, xii. 746  
 Akureyri, Iceland, iv. 138  
 Ala Dagh mountains, Asia Minor, vi. 315  
 Alaga, Burman explorer, journey to the Upper Irawadi, iii. 400, 694, 695, iv. 260, 560 \*; map of his route, iii. 640  
 Alagyr, Caucasus, xiv. 102  
 Alai and Pamir, Mushketov's geological explorations in the, i. 125  
 Alai and Pamir valleys, Capus on depth of snow in, xiv. 635  
 Alai mountains, xiv. 8, 9; passes of the, ii. 499; depth of snow in valleys of, Capus, xiv. 635  
 Alai river, Persia, v. 157  
 Ala-kul gulf, Lake Balkash, ix. 426 *note*, 427  
 Ala-kul, Turkestan, iii. 155  
 Alamán-jangal, ford on the Tejend river, v. 4  
 Alang wells to Sardoba Chil-gumbez, route from, iii. 726  
 Ala-shan or Lian Gobi plain, xii. 71; route across to Kashguria, xii. 57  
 Alaska—  
 Along A.'s great river, Schwatka, viii. 475 †

**Alaska—continued—**

- Alpine Regions of, Seton-Karr, ix. 269 \*  
 Cruise of the *Corwin* in, Hooper, viii. 474 †  
 Expeditions in:—Allen (Report), x. 396 †; Howard, ix. 308; International, to Point Barrow (Report), viii. 474 †; Schwatka, viii. 526, 652; (and Hayes), xiv. 561. Seton-Karr, ix. 52; Stoney, etc., viii. 789; United States, vii. 246, 819  
 Explorations in, Seton-Karr, xiii. 65 \*  
 Fifth Avenue to, Pierrepont, vi. 428 †  
 Glacial action on Copper river, Allen on, viii. 787  
 Glaciers of, x. 781 note  
 Indians of, xiii. 73, 74  
 Its Southern Coast, etc., Scidmore, viii. 474 †  
 Maps of:—Dall and Lindenkohl, vi. 361; Petroff, iv. 711  
 Muir Glacier, Wright on, ix. 118  
 Photographs of, Nicholl, xii. 371  
 Population, etc., of, Petroff, vii. 693 †  
 Report on, and its people, Bailey, viii. 674  
 Scientific researches in, by Smithsonian Institution, iv. 91  
 Seal Islands of, Elliot, iv. 444 †  
 Shores and Alps of, Seton-Karr, ix. 460 †  
 Visit to Glaciers of, and Mount St. Elias, Topham, xi. 424 \*  
 With Sack and Stock in, Broke, xiii. 740 †  
 Yukon River, Sledge Journey in Delta of, Nelson, iv. 660 \*  
 Alatroa Lake, Madagascar, xii. 299  
 Alazan, valley of, Caucasus, xiii. 314  
 Albania, a Winter in, Brown, xi. 114 †  
 Albarracin, S. J., Estudios generales sobre los rios Negro, Limay, etc., viii. 406 †  
 "Albatross," S. M. S., Reise von, nach Süd-Amerika, West Afrika, etc., Benko, xi. 190, 517 †  
 Albemarle Island, Galapagos Islands, ii. 742  
 Albert Edward Lake, xi. 722, 723; Lugard's Explorations in the Region of, xiv. 413, 817 \*; Emin Pasha's expedition to, xiv. 471, 540  
 Albert Edward Mountain, New Guinea, height of, xi. 606  
 Albert Lake region, tribes of the, xiv. 545  
 Albert Nyanza, xi. 270, 271; dessication of, xi. 380; river at the southern end of, Mason on, xii. 40; Journey from Yam-buya camp to, Stanley, xi. 261 \*; Journey from, to Victoria Nyanza and East Coast, Stanley, xi. 720 \*, 735; reported great lake west of, Lupton on, iv. 685  
 Albert Peak, Cameroons mountains, vii. 184  
 Albert, Prince, on the Saskatchewan, depth of frozen soil at, Traill, viii. 743, 744  
 Alberti, J., De Kaffers aan de Zuidkust van Afrika, i. 201 †

- Albertis, Signor d', explorations in New Guinea, i. 732  
 Albistan, Asia Minor, xiv. 58  
 Albulaki Lake, Persia, v. 146  
 Albornoz, Dr. M. M., Breves apuntes sobre las Regiones Amazonicas, viii. 406 †  
 Albrothos Banks, coral bank near, v. 595  
 Albuquerque, New Mexico, v. 667  
 Alcock, Dr., on the collection of deep-sea fishes of Indian Coast Survey, xiii. 611  
 Alcock, Sir Rutherford—  
 Address and remarks on opening session, 1878-79, i. 1, 71:  
 Remarks on:—Andamans, x. 575, 576; Binue river, ii. 303; Borneo (north), x. 22, 145; viii. 500; Cameroons, i. 239; China, i. 507, 508, ii. 164, v. 453; Congo State, viii. 624, 627; East African expedition, i. 527, ii. 133, 184, 741; Fly river, i. 15; Iceland, iv. 146, 148; Korea, viii. 311, 312; Lord Northbrook, ii. 454; Merv, i. 190; Nyasa, i. 321, 323, iii. 274; passes leading to Bamian, i. 255, 259; Prjevalsky's journey to Tibet, i. 278; railway between India and China, viii. 10; Mr. J. Thomson, viii. 475  
 Royal medals presented by, i. 466  
 Aldrich, Capt., Visit to Christmas Island, x. 616 \*  
 Alegre, Rio, viii. 354  
 Alele or Wickham river, New Guinea, ix. 77  
 Alert, The, Cruise of, Coppinger, vi. 105 †; survey work of, i. 366, 369, iv. 554, 555, v. 209, 593, vi. 154, 367, vii. 543, viii. 158; voyage to Hudson's Bay, x. 559, 560  
 Alerte, Cruise of the, Knight, xiii. 242 †  
 Aletsch glacier, Alps, i. 570, x. 686  
 Alexander, General Sir J. E., obituary of, vii. 343  
 Alexander, Prof., the Hawaiian Government Survey, xi. 320 †  
 Alexanderson, Carl, on the Loango Coast of West Africa, ii. 707  
 Alexandra Lake, ice formation in, viii. 166  
 Alexandra Land, Franz-Josef Land, v. 225  
 Alexandria ad Caucasum, i. 119  
 Alexandria, ancient, xiii. 513, 514; plan of, Stanford, iv. 710; Wyld, *ib.*; of defences, iv. 581; sketch of country between Kafr Daur and, (War Office), iv. 709  
 Alexandroff, Colonel, survey from Kungud to Gulf of Mertvykulduk, v. 392  
 Alexandroffka, valley of, M. Poliakov's studies in, iv. 109  
 Alexandrov, M., work in the Tian-Shan region, xi. 312  
 Al Fahs tribe, Morocco, xi. 488  
 Alford, C. J., Geological Features of the Transvaal, xiii. 239 †  
 Alfred Newton glacier, viii. 165

**Algeria.** [See also Algiers.]

- Agricultural and industrial map of, Jourdon, i. 157  
 Atlas Mts. of, map of, Rothpletz, xii. 573  
 Climate of, iv. 632  
 Coast line, Fisher on changes of, ix. 242  
 Commerce of, Playfair, x. 305  
 Ethnography of, Baudens, iv. 61  
 European Population in, Ricour, ii. 393 †  
 Flora of, Matthews, ii. 782 †  
 France and, 1579-1833, Plantel, xii. 301 †  
 Geography, etc., of, Schwarz, iv. 62 †; (physical), Wahl, iv. 444 †  
 Geological map of, xiv. 881  
 Handbook for Travellers in, Playfair, ix. 206 †  
 Hints for Tourists in, Flower, xii. 53 †  
 L'Algérie et la Tunisie, Leroy Beau- lieu, x. 474 †  
 L'Algérie Qui S'en Va, Bernard, ix. 649 †  
 Maps of:—vii. 265; Cuénot, ix. 724; French war office, v. 55, vi. 360, vii. 135, ix. 211, 593, xi. 466, xiii. 62, 746, xiv. 350, 881; Kiepert, iii. 700; Le- vasseur, ii. 464; Malte-Brun, vi. 614  
 Missionary Society of. See Africa, Central, expeditions in.  
 Mountain Life in, Barclay, iv. 182 †  
 Resources of, viii. 598  
 Sahara of, journeys in, Bort, x. 648; Deportés, xiii. 53 †; De Gorloff, iv. 358 †; projected inland sea in, iv. 377  
 Shots of, Vuillot's excursion to, xiv. 471  
 Southern, Dybowski's explorations in, xii. 636  
 Statistics of, Playfair, x. 166  
 Surveys in, vii. 339  
 Wells in, sinking of, iv. 630  
 Western, journey in, Playfair, viii. 733  
 Algermissen, J. L., maps by—Alsace, x. 321; Black Forest, x. 3.2; environs of Cologne, iii. 382; German Empire, vii. 496; Westphalia, vi. 174  
 Algiers, early history of, xii. 630, 631; from, to Oran and Tlemcen, Schneider and Haas, i. 151 †; Historical and Scientific Notes on, Seguy, x. 671 †; History, Conquest, and Colonisation of, Gaffarel, v. 112 †; Plan of, Jourdan, x. 811, xi. 62; the Scourge of Christendom, British Relations with, etc., Playfair, viii. 674 †  
 Algonquian Languages, Bibliography of, Pilling, xiv. 573 †  
 Alhualumo tribe, Central Africa, iv. 510  
 Ali, Bahrein Islands, sepulchral mounds at, xii. 13  
 Alifabâd, Persia, x. 630, and note; valley of, v. 77  
 Alice Springs, Central Australia, i. 334  
 Alichur Paur, xiv. 13, 226  
 Aliche Turkomans, iv. 218, v. 2, note  
 Ali Kasir Arabs, v. 154

- Ali Khan Agha, head of the Astrabadi Kajars, v. 80, 81  
 Alikhanoff, M., book on Merv, vi. 233, 294  
 Ali Khel, Afghanistan, i. 626; roads from, i. 620, 621  
 Ali-Kobbo's zeriba, position of, ix. 315  
 Alima, River, W. Africa, i. 130, 358, iv. 509, v. 702, viii. 629  
 Ali Masgid, i. 44  
 Aling Gangri, v. 614  
 Alington, Mr., Journey in Usambara, i. 82  
 Alis, H., A la conquête du Tchad, xiv. 870 †  
 Allain, René, on resources of Algeria, viii. 598; on Formosa, vii. 394  
 Allan, George, The Land of the Duallas, x. 49 †  
 Allen, C. F. R., remarks on Agassiz' journey from Hai-phong to Canton, xiii. 263; on Younghusband's journey in Central Asia, x. 575  
 Allen, Lieut. H., on glacial action on the Copper River, Alaska, viii. 787; report of expedition to Alaska, x. 396  
 Allen, W. H., Russian official map of Central Asia, i. 412  
 Alliance, voyage of the, in search of the Jeannette, iii. 734  
 Allodi, P., plan of Milan, iii. 382  
 Almagan river, Pamir, vi. 139  
 Almami Samodu, xiv. 450, 451, 454  
 Almatinka valley, Turkestan, iii. 159  
 Almaty river, Russian Turkestan, x. 638  
 Almeida, Don Francisco de, voyage to Madagascar, i. 647  
 Almeida, Dr. C. M. de, obituary of, iii. 397  
 Aloatra Lake, Madagascar, xiv. 738  
 Alolo people, E. Africa, vi. 518, 520  
 Alphant, M., Album des anciens plans de Paris, ii. 720  
 Alphonso Island, v. 596  
 Alpine Club, map of Swiss and Italian Alps, iii. 639; French, Annual of, xi. 746 †; German and Austrian, Journal of, x. 46 †; Swiss, Yearbook of, viii. 797, xi. 747 †  
 Alpine Guide, and John Ball, Freshfield on, xii. 106  
 Alpine Journal, vol. xiv., xi. 746 †; index to the, xiv. 565  
 Alpine Notes of Leonardo da Vinci, Fresh- field, viii. 335 \*  
 Alpine Pass of Hannibal, Freshfield, viii. 638 \*  
 Alpine travellers' equipment, xiv. 465  
 Alps—  
 Ascents in the, Levasseur, xi. 185 †  
 Climber's Guide to, Conway and Cool- idge, xiv. 721 †  
 Divisions of the, Böhm, ix. 709 †  
 Flora of, origin of the, Ball, i. 564 \*  
 Formation of, Heim, i. 282 †  
 Frontier of (French), map of, i. 347, 480, iii. 382  
 Geography and Geology of, Civiale, iv. 115 †



**Alps—continued—**

- Geological map of, Noë, xiii. 252  
 Glacier oscillations in, xiii. 683; work by Richter on, xiii. 736†; glaciers of Eastern Alps, *id.*, x. 803†  
 Handbook to, Umlauf, ix. 712†;  
 English translation, xi. 116†  
 Iceberg in, xiv. 468  
 Leonardo da Vinci and the, Uzielli, xiv. 345†  
 Maps of:—Alpine Club, iii. 639; Civiale, ii. 591; Dépôt de la guerre, iv. 123, vi. 427; Von Haardt, iv. 518, xi. 520; Leeder, v. 748; Michel, ii. 463, x. 480, xi. 464; Petouge, vii. 271; Petters and Waltenberger, iv. 579; Triampler, viii. 412; Wenng, ix. 395  
 My Home in the, Main, xiv. 501†  
 Photographs of, Donkin, xi. 128; Sella, xiv. 203  
 Pioneers of, Cunningham and Abney, x. 46†  
 Alps—*Austrian*, map of, Meurer, ix. 526; Steinhauser, iv. 328; *Cottian and Graian*, Vallentin, v. 182†; *Eastern*, map of, vi. 428, xi. 520; by R. Maschekson, xiii. 640; German occupation of, Von Krones, xi. 313†; glaciers of, Richter, x. 803†; *German*, glacial formations in, Penck, iv. 646†; *Italian and Tyrolean*, map of, Michel, xi. 464; *Maritime*, Freshfield on heights of peaks in, ii. 190; of *Tyrol and Engadine*, map of, L. Ravenstein, ii. 591; *Western*, relief map of (and Appenines), Cherubini, iv. 327; statistics of first ascents in, Vaccarone, xii. 569†; structure of, Diener, xiv. 118†; *Zillerthaler*, guide to, Hess, ix. 711†  
 Alps of New Zealand, Southern, explorations in, Green, vi. 57\*  
 Alsace. See Elsass.  
 Alta Vera Paz, hills of, Guatemala, v. 191  
 Altai mountains, Central Asia, i. 703, 704, x. 495, xiii. 215, 216; Flora of the, i. 574  
 Altar or Collares volcano, S. America, iii. 455, xiv. 127  
 Altgläubigen bay, v. 662  
 Altu tribe, E. Africa, vi. 264  
 Altyn Tagh range, Tibet, vii. 71, 168, ix. 214, xi. 375, 376  
 Alu Island, Solomon Islands, x. 358  
 Alvarez, F., Portuguese Embassy to Abyssinia during 1520–27, transl. Stanley, iii. 763†  
 Alvear, Don Diego, Historical Account of the Province of Misiones, etc., viii. 212†  
 Amadeus, Lake, Central Australia, ix. 695, xiii. 352; Tietken's expedition to, xii. 169  
 A-madi tribe, Central Africa, v. 33  
 Ama-gwaza and Ama-kwakwa tribes, East Africa, vii. 381, 382  
 Amakali Yao tribe, East Africa, vi. 519  
 Amakita people and town, East Africa, vi. 516, 517, 524  
 Amakuru river, Guiana, xiv. 668, 679, 680

- Amambara river, map of, Flegel, vi. 238  
 Amambwe tribe, Central Africa, xii. 736  
 Amanian Gates Pass, Syria, viii. 96  
 Amanus, The Chains of Cassius and, Professor G. E. Post, viii. 94†  
 Amaramba Lake, South-East Africa, v. 482, vi. 153, 717, 718, 720, vii. 433, viii. 99; journey to, O'Neill, vi. 632\*, 713\*; *id.*, Hetherwick, x. 25\*  
 Amaramba town, East Africa, vi. 520, 531  
 Amaru-mayu river, Bolivia, iii. 405; Markham on, v. 313\*; derivation of the name, v. 343  
 Amaseno river, xiv. 422  
 Amat, P., Relazioni Antiche e Moderne fra l'Italia e l'India, ix. 586†  
**Amazon—**  
 Basin of the, viii. 357–360  
 Breves apuntes sobre las legiones Amazonicas, Alborno, viii. 406†  
 Chart of, Para to Manaus (U.S. hydrogeographical office), v. 55  
 Delta of, viii. 515  
 Expeditions to:—Condreau, Roche, and D. mout, vi. 232; Crevaux, i. 723, ii. 136, iv. 176; Ehrenreich, xii. 42; Peruvian Government, xii. 99; South American Missionary Society, ii. 128  
 Forest and campos of, viii. 364, 365  
 Head-waters of, navigability of, xiv. 396  
 Indian rubber from, viii. 516  
 Length of, ix. 120, 253  
 Peruvian Provinces on, as a Field for European Emigration, Guillaume, x. 178†  
 Route from, to the River Plate, viii. 362; from Peru to, Ordinaire's, x. 650  
 Source of, xii. 228  
 Surveys of, i. 363; American, i. 67; Azevedo, *ib.*  
 Travels on, and Rio Negro, Wallace, xii. 248†  
 Tributaries of the, characteristics of, xii. 239  
 Up the Madeira and, Mathews, i. 742†  
 Amban Achkan pass, Tibet, ix. 740  
 Amberno (-li) river, New Guinea, vi. 208, vii. 174\*; Dutch ascent of the, vii. 172; mouths of the, v. 513  
 Ambo, Peru, xiv. 389  
 Amboella highlands, Central Africa, iii. 45; Duparquet's journey to, viii. 455  
 Ambobimanga, Madagascar, xiv. 745; Routes from, iv. 532  
 Ambondrombo, Mount, Madagascar, ascent of, by Beason and Tulazac, xiii. 39  
 Ambositra, Routes from, iv. 531  
 Amboyna, Malay Archipelago, v. 47  
 Ambriz, West Africa, v. 692, 711  
 Ambrizete, West Africa, town, river, and natives of, v. 693  
 Ambrym, Island of, volcano, x. 354; Ascent of, De la Poer Beresford, vi. 129\*  
 Ambukol and Shendy, sketch-map of country between, vii. 60  
 Amdos Mongols, ix. 234  
 Ameerah to Samayme, distance from, v. 156



**America—**

- Arctic shores of, exploration of, iii. 674  
 Atlas of, Estévez, vii. 494; Philip (Bartholomew), i. 415  
 Canal, interoceanic, surveys for, Lull and Collins, ii. 201 †  
 Chronology, prehistoric, review of data for, Brinton, ix. 715 †  
 Coast lines of, geological structure of, xiv. 647, 650  
 Columbus celebrations, fourth centenary of discovery, xiv. 317, 797  
 Desert, Great, of, xiv. 79  
 Discoveries of, to the year 1525, Weiss, vii. 260 †  
 Early explorations in, ii. 574  
 Encyclopedia Americana, xi. 574 †  
 English rediscovery and colonization of, Shipley, xiii. 308 †  
 Ephemeris and Nautical Almanac for 1895, xiv. 873 †  
 Exploration in, summaries of:—i. 363, ii. 415, iii. 395, iv. 337, v. 385, vi. 377, vii. 426, viii. 434, ix. 345, x. 417, xi. 419, xii. 382, xiii. 395, xiv. 374  
 Forests of, Kessler on, xii. 428  
 Four Journeys through, von Thielmann, i. 812 †  
 French colonies in, map of, Malte-Brun, v. 750  
 Game, Big, of, Shields, xiii. 128 †  
 Geographical Magazine, National, xi. 632 †  
 Geography of, ii. 574\*: (of the New World), Pérez, xi. 189 †  
 Geological folds of, xiv. 694  
 History of, Narrative and Critical, Winsor †, viii. 747, ix. 207, 588, x. 741, xi. 395, xii. 121  
 Icelandic discovery of, Brown, ix. 716 †; Reeves, xiii. 127 †  
 Lakes of, origin of, Spruce, xiv. 560  
 Maps of:—Baur, viii. 542; von Haardt, v. 752, Kiepert, xii. 442  
 Name of, De St. Bris, x. 398 †; Hughes, viii. 672 †  
 Native Tribes of, classified according to language, Brinton, xiii. 304 †  
 Naturalists, Travelling, in, xiv. 873 †  
 Nature and Man in, Shaler, xiv. 428 †  
 Pen and Pencil Sketches of, von Hellwald, v. 241 †  
 Picturesque, Bryant, xiii. 239 †  
 Population and area of, xiii. 27, 28, 689  
 Thalassography of, A. Agassiz, x. 477 †  
 Trade route, new, between Europe and, Sutherland, viii. 728  
 Voyages of Elizabethan Seamen to, Payne, iii. 64 †

**America, Central—**

- Ancient Cities of the New World, Charnay, ix. 393 †  
 Archaeology of, Maudslayi (Biologia Centrali-Americana), xi. 316 †  
 Exploration of Ruins of Copan, Maudslayi, viii. 568\*; fourth expedition to, *id.*, xi. 239

**America, Central—continued—**

- Maps of:—Chavanne, iv. 454; Colton, xii. 189; Gavarette, iii. 512; Martin, ii. 718; Rand, McNally & Co., xiv. 510, 581  
 Photographs of Nicaragua, Gledhill, xiii. 699  
 Railway from Belize to Guatemala, map of projected, xiii. 63  
 Ruins in Yucatan and, Charnay, v. 44, 45  
 Volcanic and earthquake regions of, Hancock, v. 669  
**America, North—**  
 Cabot, J. and S., Voyages in, Harris, iv. 773 †  
 Cities, States, etc., of, Hesse-Wartegg, ii. 201\*  
 Colonies of Northmen and Portuguese in, Search for, Haliburton, vii. 25\*  
 Culminating point of, Hellprin on, xii. 754  
 Deserts of, compared with those of N. Africa and India, Walther, xiv. 180  
 Discoveries of the French in West and South of, Margry, iv. 122, x. 742 †  
 Exploration in, fields for, vii. 586  
 Forests of, map accompanying report on, Sargent, vii. 560; of Pacific Region, xii. 430  
 Former connection with Eastern side of Atlantic, Boyd-Dawkins, vi. 682  
 Fourteen Months in, Cte. de Turenne, i. 286 †  
 Fremont's work in, xii. 563  
 Frozen soil in, depth of, ii. 579, vii. 761  
 Geographical researches in, vi. 585, 586  
 Geography of, for Schools, Longman, xii. 642 †  
 Horizontal Configuration and Composition of, Ullrich, v. 373 †  
 Ice Age in, Wright, xii. 302 †  
 Immigration as means of development of, xi. 417  
 Journeys in, Cotteau, ii. 590 †  
 La Salle's explorations in, ii. 320  
 Latitudes, incorrect, of Early Writers, Shafers, iv. 247 †  
 Maps of:—Bamberg (school wall), iii. 256; Chamberlin, vii. 267; Kiepert (physical, wall), viii. 413; Keith Johnston, ix. 593  
 Mediterranean Shores of (California), Remondino, xiv. 573 †  
 North-West Coast of, Jacobsen's Journey on, Woldt, vi. 610, x. 178 †; Voyages of Discovery on, 1639-1603, x. 742 †  
 Picturesque, Bryan, ii. 71 †  
 Prairies of, animals of, xiv. 88; fires, destructiveness of, xiv. 96; why are they treeless? Christie, xiv. 78\*; *id.*, Whitney, xiv. 81  
 Rambles in, Murphy, i. 406 †  
 Scamper through, Hudson, v. 49 †  
 Selkirk Range in, Topham, xiii. 554\*  
 Sketches of, von Oesterreichen, i. 152 †  
 Stanford's Compendium of Geography

**America, North—continued—**  
and Travel, Hayden and Selwyn, v. 432 †

Time standards of, universal, ii. 581  
Trans-Continental pathways of, Hayes, xii. 292

Vegetation, distribution of, Sargent, viii. 608

Wanderings in the Western land, Vivian, ii. 72 †

Western Avernus, Roberts, ix. 461 †

**America, North-Western—**

Journeys of David Thompson in, Tyrell, xi. 121 †

Map of part of, Johnston, ii. 718

M. M. Krause's expedition to, iv. 567

**America, South—**

Around and About, Vincent, xii. 362 †

Biographies of Travellers in, Schumacher, v. 746 †

Coasts of, surveys of, ii. 419; v. 594

Discoveries of the French in, Margry, i. 285 †

Expeditions in:—Crevaux, ii. 195, iv. 547; Monnier, x. 471; Pinart, iii. 759; Pratt, xiv. 326; von Schenck, iv. 177; Thouar, v. 174; Wiener, iii. 738

Explorations in, Thouar, xiii. 240 †

Gallenga's Work on, ii. 783 †

Geography, physical, some points of, Ball, iv. 624

Hubbard's Work on, xiii. 376 †

Immigration as means of development of, xi. 419

Journeys in, Cotteau, ii. 590 †; Crevaux, v. 113 †; D'Ursel, i. 406 †

Languages of, Brinton, xiv. 427 †

Map of, Handtke, xi. 467; Kiepert, iv. 711

Notes of a naturalist in, Ball, ix. 261 †

Railways in, vi. 596; map of, vii. 776

Republics of, maps of, Bianconi, x. 747

Rivers of, map of, Crevaux, v. 309

Sketches of, von Oesterreichen, i. 152 †

Visit to, Clark, i. 284 †

Voyage of the *Albatross* from, to West Africa, Benko, xi. 190, 517 †; of the *Falcon* to, Knight, vi. 103 †

American Geographical Society, new, x. 168; expeditions, see United States; Missionary expedition to Africa, ii. 45, iii. 163

Americanists. Congress of, at Paris, i. 597; Dr. Helmund's report, xiii. 43

Amerigo Vespucci and his alleged first voyage, xiv. 606

A-Mezimá tribe, v. 33, 34

Amhara, Borelli's journey to, xii. 174; his work on the Divisions, Languages, etc., of, xii. 247 †

Amherst, T., remarks on the Solomon Islands, xii. 416

Amias of Formosa, xi. 229

Ami-chou or Anin, China, v. 447

Amicis, E. de, Morocco: Its People and Places, ii. 140 †

Amiens, new plan of, Viénot, ix. 526

Aminof, M., exploration of the Ob and Yenisei rivers, i. 341

Amnat-ul-Zimman, Southern Persia, v. 154

Am Mochu river, v. 617

Amne-machin, ridge of, vii. 170

Am-nok river, Korea, viii. 292, 301, 302

Amoy, trade of, and distances to, from places in Formosa, vii. 5

Ampagnam tin-mine, Malay Peninsula, iv. 394, 395

Amsterdam Island, memorial to Dutch Arctic navigators, in, i. 29; visit of H.M.S. *Raleigh* to, ii. 637

Amsterdam, zero-mark of the tide gauge at, viii. 24

Amu-daria (see Oxus), iv. 170, vii. 234, 235, 253; ancient channels of, Kaulbars, x. 182, Erekeret, xiv. 869; diversion of, iii. 728 and note; Bonvalot and Capus on, iii. 737; Steppe Routes from Karshi to, Delmar Morgan, iii. 723 †; Surveys of the, Zubof, i. 225 †

Amu i Usboi, i. 537 †

Amunategui, M. L., La Cuestion de Límites entre Chile i la Republica Argentina, ii. 71 †

Amur Region, Memoirs of the Society for the study of, xii. 122 †; Travels in, 1854-56, vol. iii., Von Schrenck, xiv. 570 †

Amur river, ii. 644; ix. 120, 253

Amutu Fall, British Guiana, vii. 523

An District, Arakan, xiv. 411

Ana Guruwe's village, position of, ix. 470

Anamalai or Elephant Hills, S. India, vii. 728

Anarak, Persia, xii. 587

Anasrawa, ix. 306

Anatolia, history, geography, and people of, vi. 306; (Northern), forests and their destruction in, ii. 768

Ancelle, J., explorations au Sénégal depuis l'antiquité jusqu'à nos jours, ix. 317 †

Ancha, Rio, S. America, iii. 717

Anchietta, José d', explorations in Africa, xi. 687

Ancient maps, reproduction of, Marcel and Gaultier, x. 99

Ancobra river, W. Africa, iv. 484; v. 39, 600; survey of, Cameron, iv. 501; gold district of, surveyed by Commander Ramsey, v. 39

Ancon, Bay of, Peru, map of, vi. 363

Andaman, derivation of the name, x. 574

Andaman Islands, iv. 635; viii. 427; natives of, x. 569; Original Inhabitants of, E. H. Man, vii. 485 †; population of, xiii. 612

Andamans, Little, exploration and survey of, Fortman, x. 567 \*

Andamarea, Peru, xiv. 391

Andean tableland of Bolivia, journey through, 1882, Minchin, iv. 671

Andean watershed of Southern Chili, ix. 580

- Andefort Island, v. 726  
 Andemiu Pass, xiv. 16  
 Andennes, depth of sea off, ix. 116  
 Anderson, A. A., area and population of countries in S. Africa, iii. 4; explorations in South Africa, i. 709; on the Geography of South Central Africa, vi. 19\*; Twenty-five Years in South Africa, ix. 779†  
 Anderson, Dr. J., English Intercourse with Siam in the 17th Century, xii. 300†; the Selungs of the Mergui Archipelago, xii. 434†; remarks on the Irawadi, vii. 303; on "The Lu river of Tibet," ix. 371  
 Anderson, G. C., observations on Saghalin Island, ii. 567  
 Anderson, J. W., Notes of Travel in Fiji and New Caledonia, iii. 63†; The Prospectors' Handbook, vii. 130†  
 Anderson, Major S., obituary of, iii. 671  
 Anderson, Richard, Lightning Conductors, viii. 211†  
 Anderson, Sir C. H. J., The Lincoln Pocket Guide, ii. 654†  
 Anderson or Beghula river, Athabasca district, v. 646  
 Andes [*see also* Andean]—  
   Across the Pampas and the Crawford, vi. 302†  
   Bolivian, formation of, iii. 404  
   Chilian, Kneltz's explorations in, xii. 752  
   Chilian and Argentine, Gussfeldt's Journey in, vi. 658\*; x. 108†  
   Colombian, Hettner's Journey in, x. 604†, » ap, xii. 310  
   Eastern, formation of, v. 313, 314  
   Equatorial, Geographical Conditions of, Wolf, xiv. 126\*; Whympers Journey Among, iii. 449\*, map of, xiv. 350; Travels among, xiv. 263†  
   Exploration of, and valley of Rio Limay, Rohde, iii. 234  
   Mesta de los, xii. 706†  
   Peruvian system of, xiv. 383  
   Railway across, photographs of, xiv. 215  
   Temperatures, mean, of the, Blake, v. 263, 264  
   Temple of the, Inwards, xi. 609†  
   Western Cordillera of, v. 250  
 Andorra, map of, Deverell, xii. 709; photography of, *id.* xii. 648  
 Andrada, Capt. P. de, journeys in Manica, viii. 507; ix. 621; to Maxinga and the Mazoe, 1881, iv. 417; on the Zambesi, 1881, iv. 372; Report on Manica, xiii. 304†; travels in Africa, v. 382  
 Andrade, Mount, Patagonia, height and position of, ix. 384  
 Andrae, C. G., Den Danske Gradmaalng, vi. 354†  
 Andraikiba crater lake, Madagascar, xiii. 479  
 André, M., on the Manabi route from Quito to the Pacific, iii. 488  
 Andreas, Dr., archaeological researches in Persia, i. 333; on Kara Agatch river, v. 712  
 Andreassen, on King Charles Land, xii. 175  
 Andree, Karl, Geographie des Welthandels, xi. 125†  
 Andree, Dr. R., Allgemeiner Handatlas, ii. 335, 720, iii. 125, 447, viii. 415, x. 60; Allgemeiner Volksschul-Atlas, i. 416; Ethnographische Karten, ix. 59†; Handatlas, Supplement zur ersten Auflage, ix. 212, 594; Volksschul-Atlas für die russischen Ostsee-Provinzen, viii. 416  
 Andree, R., and A. Seobel, Karte von Afrika, vi. 360, vii. 412, xiv. 201  
 Andreievsky, Alaska, iv. 664  
 Andréief, Lieut., expedition to Nova Zemlya, v. 390  
 Andrew, Sir W. P., obituary of, ix. 351; Our Scientific Frontier, ii. 389†  
 Andrews, C. C., Brazil, its Conditions and Prospects, ix. 460†  
 Andrews, F. C., Conditions of trade in Persia. *See* Stolze.  
 Andriveau-Goujon, E., Carte générale d'Afrique, iii. 512; Navigation à vapeur dans le Bassin de la Méditerranée, etc., (map), xiv. 429; Plan de Paris, i. 153  
 Andros, Bahama Islands, Transfer of population of St. Andro to, Robinson on, i. 134  
 Andrussoff, Dr., on Russian exploration in the Black Sea, xiv. 628  
 Aneroid Barometer, How to use the, by E. Whympers, xiv. 134†; variation of the, xiv. 488  
 Aneseran Uplands, Persia, v. 70  
 Aneysa, town of, Nejd, vi. 389  
 Angami Nagi tribe, ix. 39  
 Angara river at Irkutsk, Stelling on the volume of, xi. 119  
 Angas, G. F., Kufirs illustrated, with Sketches of Scenery in Zululand, i. 201†  
 Angavokely Int., Madagascar, xiv. 746  
 Angel, M. U., Geografia del Estado de Antioquia in Colombia, xii. 770†  
 Angeli, M. G., new route to Timbuktu, ix. 623  
 Angeln, Peninsula of, German and Danish languages in, vii. 401  
 Angelvy, M., discovery of coal beds in the Rovuma region, vii. 743  
 Anglican Melanesian Mission, viii. 547  
 Anglo-French agreement as to territories in Africa, xii. 657, 658; frontier on the Gambia, rectification of, xiii. 602  
 Anglo-Portuguese Boundary Commission, S. E. Africa, progress of, xiv. 860  
 Anglo-Russian Question in Central Asia, Watkis, xiv. 131†  
 Anglo-Ango, Lower Congo, position of, xiii. 36  
 Angoche and Makua dialects, comparative table of, iv. 605

- Angola, W. Africa, v. 705; vi. 186, 616, 625, 628; German African Society's expedition in, i. 145; Mechow's explorations in, ii. 778; 'Trek-Boers' colony in, iii. 588; map of, viii. 413; map illustrating productions and climate of, vii. 493
- Angoni country, Last's Journey to, xii. 224; ix. 177\*
- Angoni (Mangoni) tribe, E. Africa, i. 307, 321; iii. 262, vii. 665; viii. 79-81; xii. 152
- Angora, latitude of, x. 163
- Angra Pequena, S. Africa, vi. 24, 625, 626; alteration of name, x. 39; German expedition to, vi. 474; map of district between Bethanien and, by A. Schenck, vii. 316; map of, and S. Africa, by Müller and Riemer, vi. 487; plan of, Petermann's Mittheilungen, vi. 488
- Anguilla, Island of, geographical features of, iii. 50
- Anguru tribe, Central Africa, xiii. 272
- Ania tribe, E. Africa, vi. 263
- Animarupu natives, New Guinea, ix. 73
- Anin or Ami-chou, China, v. 447.
- An-ju, town of, vii. 299, 300
- Anjumán pass, Hindu Kush, i. 114
- Ankarata Mountains, Madagascar, xiii. 158, xiv. 742
- Ankel, Otto, Grundzüge der Landesnatur des Westjordanlandes, x. 175 †
- Ankitaika, Madagascar, xiii. 160
- Ankoli district, people of, xiv. 413
- Annagsalik district, Greenland, viii. 51
- Annam, Empire of, and the Annamites, Silvestre, xi. 513 †; kingdom of, and the Annamites, Dautreuil de Rhins, i. 404 †; map of, vii. 200; native atlas of, vi. 159; people and country of, ii. 569
- Annamese, ethnology of the, Harmand, ii. 586
- Annu, Turkistan, iv. 488
- Annenkoff, General, method of laying the Transcaspian railway, xi. 277; on the colonisation of the Transcaspian region, xi. 436
- Anniversary meetings. See Royal Geographical Society.
- Anoes island, vii. 173 note
- Anquetin, M., on the "Universal Meridian," vi. 48
- Anrep-Elmpt, R., Die Sandwich-Inseln, vi. 544 †
- Ansariyeh race, Asia Minor, vi. 314
- Ansell, W. T., telegram from, respecting Consul O'Neill, v. 719
- Ansted, Prof. D. P., obituary of, ii. 382
- Anstruther, Keith, explorations of Lake Chala, xiii. 608
- Antaimoro tribe, Madagascar, xii. 636
- Antaisaka tribe, xiii. 162
- Antanambalava River, Madagascar, by L. H. Ransôme, xi. 295\*
- Antananarivo, Madagascar, map of environs of, Roblet, ix. 139; Sibree on, xiv. 787\*
- Antananarivo Annual and Madagascar Magazine, Sibree and Baron †, vii. 406, ix. 260, xi. 315, xiii. 567, xiv. 341
- Antarctic Regions—
- Expeditions to—German, x. 712; Italian, iii. 659, iv. 547; Swedish and Australian, xii. 166, Whaling, xiv. 244, 415, 473, 637, 862
- Exploration of, British Association Committee on, vii. 675, 747, viii. 789, report, x. 668; Delmar Morgan on, xiii. 632; proposed renewal of, viii. 665, 718; x. 91; proposed Australian expedition for, ix. 309, 443, 576, 622, 757, 768, xi. 177, xiii. 614; Sir E. Ommancey on, vii. 758; review of, iii. 622
- Meteorological stations, French and German, in, v. 378
- Antas, Senhor Martins d', remarks at the anniversary dinner, 1881, iii. 436
- Antelas, height of, x. 454
- Anthouard, M., journey up the river Tsiribihina in Western Madagascar, xiii. 560
- Anthropo-Geography, F. Ratzel †, iv. 447, xiv. 507
- Antigua, Guatemala, described, v. 190.
- Antigua, Colombia, map of state of, ii. 205
- Antilles, A Parisian in the, Quatrelles, v. 679 †; Ethnographical study in the, De Rosny, ix. 134 †; The Lesser, Bulkeley, xi. 752 †; explorations in, Ober, i. 722
- An-ting-hsien, Central Asia, xii. 67
- Antioquia, Columbia, State of, industry of its inhabitants, v. 250, 254
- Antisana Mt., Ecuador, iii. 455, xiv. 128; Whympers ascent of, ii. 510
- Anti-Taurus Mts., Asia Minor, vi. 308, 315
- Antofagasta, railway from, to Uyuni and Oruro, Mrs. Grove on the, xiv. 708
- Antonelli, Count P., journey from Assab to Sooa, vi. 52
- Antoninus Martyr, Of the Holy Places visited by, translated by A. Stewart, ix. 323 †
- Autoto to Harar, Rimbaud's new route from, x. 39
- Antsirabé, Madagascar, hot springs at, xiii. 478
- Antwerp, Province of, general map of, vi. 173
- Anuchin, D. N., investigation of the caves of Daghestan, v. 391
- Anville, J. d', map of S. E. Tibet, x. 579; Proposition d'une Mesure de la Terre dont il résulte une diminution dans sa circonférence, x. 744 †
- Anyanga country, Togoland, xiv. 499
- Anyauer, latitude and height of, vi. 251
- Anyinaefé village, Gold Coast, vii. 250
- Anyover, Central Africa, v. 482
- Aola river, Guadalcanar Island, x. 363
- Abrangi, or the Heart of the Southern Alps, Ross, xiv. 575 †

- Aoust, M. V. d', on aerial formations of soil, vii. 614; on the orthography of geographical names, v. 176; on the vote of credit for the French possessions on the Congo and Gaboon, viii. 670  
 Apalachian range, rainfall of the, x. 284  
 Apcheron, Peninsular of, by C. S. Gulbenkian, xiii. 372 †  
 Apennines, Central, Prof., Partsch on the principal range of the, xi. 743  
 Api, Island of, vii. 252  
 Apichana river, Bolivia, v. 336  
 Apocopa, ancient town of, Africa, xiii. 528  
 Apolobamba, town and river, Bolivia, v. 314, 335  
 Apooterie, British Guiana, ii. 474  
 Apozd, Baluchistan, British Resident at, xii. 169  
 Appel, W., mission to the Congo, iv. 295; death of, iv. 606  
 Appleton's Physical Geography, by J. D. Quackenbos, etc., x. 398 †; atlas of the United States, x. 260; Guide to Mexico, Conkling, xiii. 127 †  
 Appliances in use in geographical education—Exhibited at Bradford, vii. 724; exhibition of, expenditure on, viii. 463; lectures and discussions, viii. 116, 121, 193, 198; report on, viii. 52; results of, viii. 417-421; lecture on, Keltie, viii. 121  
 Appun, Carl F., visit to Mount Roraima, vi. 671  
 Aquiry and Purus rivers, Chandless' explorations of, xii. 240  
 Ara-bel river, Central Asia, xii. 22  
 Arabi Tliyat tribe, xii. 182  
**Arabia**—  
   Bays of, map showing depths, Weber, x. 675  
   Central, Euting's journey in, xii. 357  
   Desert of, and Sinai Peninsula, Walther on geology of, x. 394  
   Geography of, Al-Hamdani's, Müller, vi. 685 †  
   Journal of travels in, Huber, xiv. 569 †  
   Journey in, Defflers, xii. 357; Huber, iii. 184  
   Map of parts of (Survey of India), v. 749  
   Northern, travels in, Douglty, vi. 382\*; viii. 348 †; x. 314 †; his visit to the rock city of El-Hejjer, i. 454; Documents épigraphiques recueillis dans le nord d'Arabie, *id.*, vi. 683 †  
   Northern and Central, new routes through, Blunt, ii. 81\*; journeys in, *id.* iii. 444  
   Southern, coasting journey along, Miles, viii. 100  
   Yemen, journeys in, Gläser, viii. 134; Harris, xiv. 717  
 Arabia Felix, journeys in, Gläser, xi. 113; Schweinfurth, xi. 103, 565  
 Arabia Petrea, reconnaissance of, Warren, v. 436  
 Arabian Sea, daily weather charts for, xiii. 747  
 Arabistan province, S. W. Persia, xii. 513  
 Arabs, as astronomers and geographers, xiii. 620; conquests of, in the Mediterranean, xii. 628, 629; in Central Africa, Stevenson, x. 740 †, Wissmann, x. 525\*; in Madagascar, i. 647; occupation of Africa by, early, xiv. 289, 290, 306; sea trade routes to China, used by, iv. 650  
 Arachosia, ancient city of, Afghanistan, iii. 84  
 Araguaya, Rio, Brazil, viii. 354; xii. 43, 44  
 Araiwaparu, British Guiana, vii. 499, 524  
 Arakaj, name and derivation, v. 14 and note  
 Arakan, viii. 105; Hill Tracts of, Hughes iv. 322 †; Lieut. Walker's route from, to Burma, xiv. 411  
 Arakan range, Manipur, v. 617  
 Aral, Lake, Mr. Bateson on the recent fluctuations in the level of, xiv. 318  
 Aral, Sea, connection of, with the Caspian, iii. 224; vii. 234\*; fisheries of, Nikolsky on, x. 180; Koslowski's discovery of a fresh-water lake near, xiii. 296; new route from the Caspian to, discovered by M. M. Vanuslim, i. 332; survey for railroad to, Schultz, iv. 548  
 Ararat, Moun', Markow's ascent of, xi. 109; Journey to, Le Clercy, xiv. 503 †  
 Araucania, settlements in, viii. 533  
 Araujo, Lieut.-Col. F. de, report on the Brazilian frontier surveys, ix. 193  
 Araúne tribe, S. America, v. 331; xi. 498  
 Arawak tribe, xiv. 672, 677, 682  
 Araxes, the, name of, i. 161 note  
 Arbousset, T., Voyage d'Exploration au Nord-est de la Colonie du Cap de Bonne Espérance, i. 201 †  
 Archangel, observing station at, xiii. 170  
 Archdeacon, Commander, surveys on west coast of England, vii. 798  
 Archer, W. J., journey in the Shan states, xi. 242; note on the Laos tribe, vii. 745; Report of Journey in the district of Chiengmai, Siam, x. 539 †; in the Mekong Valley, xiv. 194 †  
 Archer river, N. Australia, iii. 103  
 Archer's Fiord, viii. 138  
 Archibald, E. Douglas, grants of instruments to, v. 415  
 Archipelago, Eastern. See Malay Archipelago, and Indies, East.  
 Arcopongo river, Bolivia, v. 340  
**Arctic Regions.** [See also Polar]—  
   America, arctic coasts of, xiv. 647; map of, v. 630.  
   American Expedition to, Bessels, i. 743 †  
   An Arctic Province (Alaska), Elliot, ix. 133 †  
   Barents Sea, Campaign of 1879 in, Markham, ii. 1\*  
   Barrow, Point, experiences at, Ray, vi. 677  
   Chart of ocean between Greenland and Nova Zemla, v. 55

**Arctic regions—continued—**

- Commercial Navigation in Siberian Seas, Nordenskiöld on, ii. 202 †
- Cruise of the *Florence*, 1877-78, Howgate, i. 743 †
- Depths and temperatures of European Arctic seas, maps showing, ii. 714, 715
- Esquimaux, former distribution of, map showing, v. 630
- Expeditions in:—*Alliance* (search for *Jeannette*), iii. 734; American, i. 519, 743 †; ii. 508; Austro-Hungarian, 1872-74, i. 153; Berry (*Jeannette* search), iii. 733; *Corwin* (Wrangell land, etc.), iii. 731, iv. 180; Danish (see Hovgaard), iv. 578, v. 166, 603; Dutch, 1879, i. 330, 669, 705; 1880, ii. 689; 1878-1881, Jansen on, iv. 35\*; 1883, v. 348, 603; Gilder, ix. 246; Greely, iii. 735, iv. 171; Hovgaard, iv. 376, 499, 549, 754; *Jeannette* search, iii. 658, 733, 734; McArthur (see Gilder); Markham, i. 668; Nordenskiöld, i. 3. 87, 18, 384, v. 163; Norwegian, xi. 177; projected, 1885, vii. 542; Sibirakoff, ii. 127; Leigh Smith, iii. 731, Markham on, iii. 129\*, v. 204\*; various (1878), Markham on, i. 16\*, (1881), iii. 483, (1882), iv. 606, 688, (1883), v. 176, 177
- Exploration in, Beaumont on, i. 735; discussion at Annapolis on, vii. 819; Greely on, viii. 156\*: progress since the foundation of the British Association, Markham on, iii. 678\*; summaries of, i. 364, ii. 403-406, iii. 386, iv. 332, 333, v. 377, vi. 366, ix. 350, xi. 412, xii. 8-2
- Flora of, i. 574, 575
- Fossil plants belonging to temperate regions, discovery of, iii. 602
- From the Arctic Ocean to the Yellow Sea, Price, xiv. 426 †
- Frozen soil in, depth of. See Polar.
- Ice, formation of, viii. 163; in European Arctic seas, Gray on, iii. 740, (1881), iii. 659, (1882), iv. 498; movement of, viii. 173
- Island discovered by Johannesen in, x. 382
- Meteorological stations in. See Polar.
- Meteorology of, Contributions to, xi. 59 †
- Narrative of Hall's Second Expedition, edit. Nourse, ii. 142 †
- Navigatio Septentrionalis*, Munk's book so called, v. 680 †
- North-East Passage, history of explorations to find, De Novo y Colson, ii. 591 †; (and North-West) tracts on, Gerritsz, i. 152 †
- Schwatka's Search for Franklin Relics, Gilder, iv. 248 †; Klutschak, iii. 380 †
- The Skipper in Arctic Seas, Clutterbuck, xii. 294 †
- Three years of Arctic Service, Greely, viii. 278 †
- Trade steamers in, iv. 500

**Arctic regions—continued—**

- Voyages in, McCormick, vi. 236 †; map showing the principal, Holmboe, ii. 463; Nordenskiöld's, 1858-1879, i. 743 †, round Asia and Europe, Hovgaard, iv. 248 †
- Weather in, ix. 683
- Whaling cruise in, Mackintosh, vi. 544 †
- Willem Barrens*, Fourth Voyage of the, 1881, iv. 517 †
- Ardagh, Col. J. C., Carte de la Nouvelle Frontière Turco-Grecque, iv. 447; Feasibility of the Bafian project, ix. 613; Nilometers, xi. 28\*; Red Sea Petroleum Deposits, ii. 502\*
- Arakhan, Persia, iii. 515
- Ardall, Persia, v. 131, 146
- Arletenne, the Hades of: A Visit to the Caves of Han, v. 497 †
- Ardhe river, ix. 299
- Ardou Mt. and river, Caucasus, xiv. 100, 103
- Arekuna Indians, vii. 501, 502
- Arena, Islas de, of Columbus, xiv. 595
- Arequipa, altitude of, xii. 229
- Aret valley and town, Kafiristan, iii. 288, 289
- Aretaka rapids, Essequibo river, ii. 468
- Arak Mts., New Guinea, i. 6; vi. 203, 206, 207
- Argand, tributary of the Helmund, i. 196, 258; ii. 550
- Argandi, Central Asia, i. 245
- Argentière, Col. del', pass in the Alps, v. 554, viii. 638, 644
- Argentine Geographical Institute, meeting of, ii. 389
- Argentine Lake, Patagonia, ix. 384
- Argentine Republic—**
- Atlas of, Beyer, ix. 594; Garnier, ii. 720; Geogr. Institute, ix. 397, 728, x. 548, xii. 311
- Bibliographical Annual of, ix. 320 †
- Boundary with Brazil, Survey of, vii. 821, ix. 194; with Chili, iii. 490; Amunategui on, ii. 71 †
- Commerce, etc., of, vii. 695 †, viii. 800 †; *id.*, French, in, vii. 396
- Commercial map of, Bianconi, x. 747
- Description of, Zeballos, xi. 463 †
- Exhibition, 1884, catalogue of, vi. 543 †
- Expeditions in, Bove, vi. 608, viii. 416; for sinking of wells, iii. 594; government, to Pilcomayo, vii. 399; O'Connor, iii. 593
- Geography of, Latzina, x. 742 †
- Geological map of, xiv. 664
- Immigration and emigration, xi. 556; Jenner on, xi. 377
- Map of:—vi. 110; Brakebusch, vii. 837, xiii. 696; Duclout, x. 482; Dufour, ii. 718; for emigrants, x. 115; Hanson, xii. 774; Paz Soldan, ix. 593; Rohde, xii. 773
- Meteorological observations in, Doering, ix. 512
- Notes of a Sojourn in, 1885-90, Turner, xiv. 344 †



**Argentine Republic—continued—**

- Pampa and Rio Negro territories, map of, iii. 255  
 Pampas of, Explorations in, Zeballos, ii. 703  
 Railways of, maps and diagrams, x. 258, xi. 402, xii. 573, xiii. 191  
 Resources of, Van Bruyssel, xi. 58 †  
 Southern Frontier of, and Explorations on the Dio Negro, Zeballos, i. 79 †  
 Telegraph map of, Chavanne, xii. 311, 79 †  
 Travels and trigonometrical surveys in, 1875-88, xiv. 664  
 Arghesan river, i. 198  
 Argus of Melbourne, expeditions to New Guinea, vi. 37, 217  
 Arhuaco Indians, S. America, iii. 706, 710  
 "Aria Palus" lake, v. 14, and note, 172  
 Ariguani, Rio, S. America, iii. 712  
 Arinda, Essequibo river, ii. 473  
 Ariob river, Afghanistan, i. 618, 626  
 Ariob valley, tribes of the, i. 640  
 Arizona, note on the territory of, Forbes, v. 667 †  
 Arjumand, Northern Persia, v. 67  
 Arkansas, county and township maps, Rand, McNally & Co., xiii. 447  
 Arkansas Valley, Great, of Western Kansas, iv. 641  
 Arkiko, port of, vii. 97, 107  
 Arma river, Valley of the, Colombia, v. 250  
 Arman mountains, Southern Persia, v. 147  
**Armenia—**  
 A., Kurdistan et Mesopotamia, Comte de Cholet, xiv. 569 †  
 Economical condition of, Arzruni, i. 740 †  
 From the Caucasus to the Persian Gulf, through, Müller-Simonis and Hyvernat, xiv. 724 †  
 Highlands of, barometric altitudes in, ii. 708 †  
 Russian, journey through, Mme. Chantre, xiv. 807 †  
 Russo-Turkish boundary in, map of, iv. 453  
 Turkish, etc., Tozer, iii. 115 †  
 Work on, Schweiger-Lerchenfeld, i. 148 †  
 Armenians in Asia Minor, vi. 312  
 Armentia, Father. Voyage on the Beni and Madre de Dios Rivers, x. 741 †, xiii. 185 †  
 Armit, Capt., Melbourne Argus expedition under, v. 730, 741, vi. 37, 217, 372  
 Armit, W. E., report on the Burke district of N. Queensland, iii. 424  
 Armstrong, A., Shantung, xiv. 807 †  
 Arnaud-Bey, map of the Bahr-el-Abiad (White Nile), v. 43  
 Arnheim land, Mr. Lindsay's explorations through, vi. 290  
 Arnold, Sir Edwin, Seas and Lands, xiv. 64 †  
 Arnold, Th., The Second Punic War, etc., viii. 340 †; on the Alpine pass of Hannibal, viii. 639, 640

- Arnoldi, Karte der Umgegend vom Hannover, iv. 578  
 Arnot, F. S., Among the Garenganze in Central Africa, x. 177 †; at Bailundu, vi. 743; expedition in Central Africa, vii. 119, 426, xi. 406, 607, xii. 667, xiii. 688; Garenganze, or Seven Years' Work in Central Africa, xi. 253 †; grants awarded to, xi. 311; Journey from Natal to Bihé and Benguela, etc., xi. 65 \*  
 Aroa river, New Guinea, iv. 162  
 Aroangwa Posse river, xii. 153  
 Aroma district, New Guinea, xiv. 863  
 Aromata, promontory of, Ancient Africa, xiii. 529, 530, 548  
 Aróssa tribe, E. Africa, vi. 265  
 Arpatallek pass, Turkestan, xiv. 782  
 Arrowak tribe, viii. 191  
 Arrowsmith, J., map of Africa, xii. 644  
 Arsinkird, Northern Persia, v. 61  
 Arsuk Fjord, degrees of temperature in, vi. 575, 576  
 Artaria & Co., army map of Austria-Hungary, x. 400; Austro-Hungarian railways, ii. 203; Herzegovina, etc., (places and roads), iv. 327; tourist maps of Austrian Alps and other ranges, xiii. 640; Tyrol, South, etc., i. 479; Vienna and environs, ii. 272  
 Arthington Fall, West Africa, iii. 22; visit to, Comber and Hartland, iii. 99  
 Arthington, R., contribution to the Baptist mission on the Congo, ii. 507  
 Arthur, G., Le Congo, viii. 747 †  
 Arthur, Mount, Grinnell land, vi. 680  
 Arthur, Port, or Lu-Shuan-Kou, ix. 564  
 Artillery lake, North America, v. 634  
 Aru Archipelago, xiv. 486; Its Inhabitants, Riedel, vii. 346 †  
 Arufo town and people, ii. 300  
 Arondo glacier, Central Asia, x. 515  
 Arusarobe, E. Africa, vi. 733  
 Arusha country, vi. 77  
 Arusha, tribe from, v. 289  
 Arusha-ja-jun, E. Africa, iv. 734  
 Aruwimi river, Central Africa, vi. 248, 589, 624; Barttelot's Camp on, xi. 315 †; names of, xi. 269; Stanley's journey along, xi. 263 \*; Werner on, xi. 342 \*; visit to Major Barttelot's camp on, Werner, xi. 460  
 Aryans, the, in Asia Minor, vi. 325  
 Arzruni, K., Die ökonomische Lage der Armenier in der Türkei, i. 740 †  
 Asafu, gold at, v. 37  
 Asante, David, native missionary, viii. 253  
 Asau glacier, Caucasus, xiv. 457  
 Ashóth, J. von, Bosnien und Herzegowina, xi. 186 †; official tour through, xii. 46  
 Ascension, Six Months in, Mrs. Gill, i. 223 †  
 Aschersen, P., Bemerkungen zur Karte meiner Reise nach der Kleinen Oase, vii. 486 †; Die Nördliche Isthmus-Wüste Aegyptens, ix. 713 †; journey in



## Aschersen—continued—

the Nile Delta, ix. 516; on the desert of the Egyptian Isthmus, ix. 585

Asclepiad, species of, in vicinity of Gulrau, viii. 155

Asemsio, J. M., Cristoval Colon., xiv. 266 †

Ashanti, Journey into the Interior of, Kirby, vi. 447 \*; gold mining and trade of, vi. 449-451; War Office map of, iv. 254

Ashanti tribe, W. Africa, xii. 168

Ashbee, H. S., Bibliography of Tunisia, etc., xii. 246 †; (and A. Graham) Travels in Tunisia, with a Glossary, etc., x. 107 †

Ashburton River, Upper, Explorations in Region of, Favenc, xi. 492 \*

Ashcroft, Mr., exploration of the Benué river, ii. 124, 292

Ashe Inlet, Hudson's Straits, x. 561

Ashe, Rev. R. P., on Uganda, xi. 626; remarks on Mr. Stanley's letter, xi. 384; Two Kings of Uganda, xi. 460 †

Ashley, E., remarks at anniversary dinner, 1884, vi. 421

Ashreth, Kafiristan, vi. 7

## Asia—

Catalogue of maps, etc., of parts of, xiii. 635 †

Deserts of, Tchihatchef on, iv. 628

Ethnographical distribution in, map showing, v. Haardt, ix. 266

Expeditions in, various, vi. 591, 592

Exploration in, summaries of, i. 353, ii. 406, iii. 390, iv. 333, v. 382, 384, vi. 368, vii. 419, viii. 424, ix. 341, x. 413, 415, xi. 409, xii. 379, xiii. 383, xiv. 369

French colonies in, map showing positions of, Malte-Brun, v. 749

French Scientific Expedition in, Ujfalvy, ii. 269 †

Linguistic and Oriental Essays, Cust, iii. 59 †

Maps of:—Chavanne (physical, wall), iii. 512; Cora, xiv. 269; Habenicht (physical, school), xiii. 445; Keith Johnston, xi. 577; Kiepert (school, wall), i. 752; vii. 271; *id.* (physical, wall), v. 436; Nell, vii. 623; Stanford (orographical), i. 80; wall, ix. 788

Medieval researches from Eastern Asiatic sources, Bretschneider, xi. 510 †

Our Future Highway, Cameron, ii. 199 †

Pacific, coast lines of, xiv. 653

Plateau, central, of, Temple on, iv. 614 \*

Population and cultivable area of, xiii. 27, 28, 689

Progress of knowledge of, during fifty years, Temple on, iii. 610

Railways in, progress of, vi. 596; scheme of, across, xi. 563

Russia in, map of, Jirselen, i. 157

Russian Geodetical Explorations in, 1888, xi. 393 †; geographical work in, xiv. 719; Railway Advance into, Dobson,

## Asia—continued—

xii. 435 †; Travellers in, 1854-80, Venukoff, iii. 61 †

Stanford's Compendium of Geography and Travel, ed. Temple, iv. 514 †

Through the Heart of, Bonvalot, transl. Pitman, xi. 117 †

Travels in, various, i. 76 †

Asia, Central. [See also Trans-Caspian, and Turkistan.]

Across, Moser, viii. 275 †

Afghan Boundary, Negotiations between Russia and Great Britain, 1872-85, ix. 649 †

Agriculture and manufactures of, xiii. 21, 22

Anglo-Russian Boundaries in, Kouro-patkine, i. 405 †

Anthropological Results of Journey in, Ujfalvy, i. 811 †

Benoit de Goës, Missionary Traveller in, Brucker, i. 477 †

Chain of, divisions of the, v. 612

Chinese relations with, history of, ii. 490

Correspondence respecting, ix. 136, 712 †, x. 395, xi. 54

Documents on, Imbault-Huart, iii. 247 †

En Asia Centrale, Bonvalot †, vi. 424, vii. 617

Ethnographical map of, v. Haardt, viii. 268

Expeditions in:—xiii. 183 †; Blanc, xiii. 123, 180; Bogdanowitsch (map), xiv. 269; Bolyr, ix. 508; Bonvalot, xii. 38, 45, 98, 175, 234, 235, 467; *id.* and Capus, iii. 787, iv. 103, 169, viii. 721, 796, ix. 245, 307, 457, 509; Carey, ix. 175, \* 342, 377, 731 \*; Elias, viii. 189; Grombchevsky, xi. 609; xii. 357, 422; xiii. 236; Grum-Grijmallo, xi. 505, xii. 616; Oshanin, i. 591; Pietsoff and Roborovsky, xii. 19\*, 98, 161\*, 466, xiii. 99 \*; Prejevalsky, i. 156 (map), 384; ii. 566, v. 552, ix. 213\*, xi. 194 (map); Prince Henry of Orleans, (see Bonvalot); Regel, i. 815, (map), ii. 631, iv. 109; Dutreuil de Rhins, xiii. 561, 725, xiv. 238; Russian, ii. 778, 779, iv. 105, ix. 424, 425, 508, xii. 557; (survey for railway), ii. 68; Younghusband, x. 485 \*; xii. 37

Exploration in, progress of, viii. 424

Grodekoff's ride from Samarkand to Herat, Marvin, iii. 59 †

Kulja to Lob Nor, Prejevalsky, i. 147 †

Lakes, desiccation of, Venukoff, viii. 645

L'Asie Centrale, Dutreuil de Rhins, xii. 181 †

Magnetic conditions in, Tillo, xiv. 856

Manual for Russians in, Starchewsky, i. 148 \*

Maps of:—Bartholomew, vii. 350; Chavanne, ii. 328; Letts, vii. 411; Russian, Allen, i. 412, Wyld, i. 156;

**Asia, Central—continued—**

- Newasrand nach Samarkand, Proskowetz, xii. 52 †
- Notes on the C. A. Question, Romanovsky, viii. 411 †
- Pamir Dialects, Studies in, Tomaschek, ii. 781 †
- Plains, great, of, iii. 79
- Prejevalsky, contemplated work on travels in, iii. 179
- Railroads in, viii. 149; survey for, Schultz, iv. 548
- Riverine and lacustrine system of, iv. 615, 616
- Russia in, Bastian on, xiii. 563; Curzon, xi. 698†; commercial mission in, trans. Sarauw, viii. 411; Is she vulnerable in? xi. 570 †
- Russian, Lansdell, vii. 484 †; journey in, *id.* v. 668
- Russo-Chinese frontier in, delimitation of, iii. 736
- Third Journey to, Prejevalsky, v. 431 †
- Through, Lansdell, x. 49 †
- Through the Heart of Asia, Bonvalot, xi. 117 †
- Trade Route of, Peking to Kashgaria, Bell, xii. 57 \*
- Travels in, Schlagintweit-Sakunlinsky, i. 810 †
- Zarafshan glacier in, Mushketof's ascent of, ii. 765

**Asia, Eastern—**

- In the Far East, Count Szechenyi's Journey, Kreitner, iii. 59 †
- Map of, vii. 350, 699
- Sketches of, Von Oesterreichen, i. 152 †
- Voyages of the *Nautilus* and *Aurora* on Coast of, Benko, xiv. 424 †
- Waters of, current and temperatures, Scott, xiv. 724

**Asia, Minor—**

- Eastern, and Turkish Armenia, Tozer, iii. 115 †
- Explorations in, xiii. 390; Elisief, ix. 428; Von Lushan, x. 108; Ramsay, vi. 219; Ruge, xiv. 814
- Geography, physical and historical, of, Wilson on, vi. 305 \*
- Italian occupation on South coast, vi. 323
- Journeys in, American Classical School at Athens, xii. 569 †
- Klein-Asien, Tschihatchef, ix. 519 †
- Map of, Kiepert, xii. 368, xiii. 245, xiv. 137; ancient, x. 546
- Mountain system of, Hogarth on, xiv. 54
- North-Western, maps of, xi. 578
- Orographical and botanical map of, Schweiger-Lerchenfeld, i. 157
- Pen and Pencil in, Cochran, x. 106 †
- Ride through, Barkley, xiii. 123 †; Mrs. Scott-Stevenson, iii. 693 †
- Tschihatchef's work in, xii. 765
- Travels in, Humann and Puchstein, xii. 703

**Asia, Northern—**

- Copy of ancient map of, Nordenakiöld, x. 258
- Russian exploration in, ix. 50, 54

**Asia, Western—**

- Sea Route from, to China, Notes on the oldest records of, Yule, iv. 649 \*
- Stanford's map of countries between Constantinople and Calcutta, i. 157
- Asiatic Eskimo or Yu-it, iii. 49
- Asiatic explorers of the Indian Survey, vii. 79, 80, 86
- Asiatic Society, Eastern, Report of, xiii. 691 †; of Bengal, Centenary Review of, vii. 692 †; Royal, Straits Branch, Journal of, † vii. 830, xi. 393, xii. 570
- Asiatic Turkey, Life in, Davis, i. 343 †; Through, Geary, i. 77 †
- Ask, Northern Persia, v. 65
- Askabad and Sarakhs, Lessar's Survey for Railway between, iv. 216, 486\*; Second Journey from, to Ghurian, near Herat, v. 1\*, 232
- Askhar Lilang Dagh Range, vii. 572
- Askinuk mountains, Alaska, iv. 665, 666
- Askja, Excursion to, Aug., 1881, Delmar Morgan, iv. 140\*; eruption of, in 1875, iv. 147; extent of lava flood of, Lock on, iii. 741; Iceland's Largest Volcano, Lock, iii. 471\*, iv. 387
- Askwith, G. R., on S. E. New Guinea, ix. 83; on Owen Stanley Range, xii. 221
- Asmar State, i. 113
- Asolat, Northern Persia, v. 61
- Asphoron Peninsula, map showing petroleum wells, etc., iv. 775
- Assab, East Africa, Antonelli's journey from, to Shoa, vi. 52; bay and port of, vi. 629, vii. 111; *id.*, map of, Cora, iv. 580; Italian Colony in, v. 576 †; Italian possessions in, map of, vii. 265; Lake of, viii. 525; Limits of the Turco-Egyptian Sovereignty in, iv. 577 †; Relazione del Progetto di Spedizione ad, Careri and Licata, ii. 655 †
- Assalu, Persia, v. 714
- Assam, v. 617, 619, 620; Administration of, Report on, 1888-89, xiii. 302 †; and Upper Burma, exploration of route between, Needham, x. 377; Forest Administration Report, 1888-89, xiii. 302 †; Northern, explorations in, Woodthorpe and Harman, i. 126; origin and orthography of the name, xi. 90; population of, xiii. 612; railway from, to Burma, ix. 49, 41; Statistical Account of, Hunter, ii. 391 †
- Assam, Upper, communication between and Northern Burma, xiv. 404; explorations in, Hartert, xi. 385, 386; Woodthorpe's Expedition from, to the Irawadi, Macgregor, ix. 19 \*
- Assiniboine, Fort, North America, v. 634
- Assinie river, W. Africa, vi. 620
- Assyrian Christians in Kurdistan, Visit to, Rdey, viii. 674 †; monuments at Nimrud-Dagh, iv. 568

Astik-Tag range, Central Asia, xii. 164, 165  
 Astor, Mr., on the Loochooan and Aino languages, i. 598  
 Astrabad, Northern Persia, v. 75  
 Astrolabe bay, New Guinea, v. 511, 512  
 Astronomy and geography, relation between, x. 151; Nautical, Raper, xiii. 376 †; Practical, Route Surveying, etc., on the Instruction supplied in, Merckum, iv. 296 \*  
 Astronomical Diagrams for Schools, Yagg's, xiv. 199; Geography, First School of, Berlioux, i. 151 †; observatories on high mountains, proposed, by the Harvard College Observatory, ix. 249; Work of the Degree-Measurement Bureau, xiv. 662 †  
 Astyn-tagh, or Russian range, Central Asia, xiii. 100  
 Asu, village of, Persia, v. 66  
 Asuncion, Meteorological Observations at, Strachan, viii. 407 †  
 Asuncion, Puerto de la, latitude of, xii. 415  
 Asupás river, xiii. 287  
 Atacama, Desert of, mineral wealth of, i. 786; Petermann's map of, i. 750; report on Nitrate of Soda and Guano Deposits in, Villanueva, i. 286 †; Province of, Resources of, Vidal Gormaz, ii. 71 †; lake of, xiv. 709  
 Atacazo Mt., xiv. 128  
 Ata Ganga-la Pass, vii. 76, 320  
 Atak country, i. 183; iii. 537; iv. 491; meaning of name, settlements in, etc., v. 2, 13; oases of, Komschin on, ix. 625; trade of, Lessur on, iv. 218  
 Ataka, mixed population of the, v. 2 note  
 Atam, West Africa, x. 437  
 Atanquez, Colombia, i. 692  
 Atapurau river, British Guiana, vi. 456  
 Atelatezai tribe, Afghanistan, ii. 625  
 Ateobu, town of, viii. 251  
 Athabasca District, Petitot on, v. 633 \*, 667, 728; Indians of the, v. 648; population of, 1879, v. 652, 653  
 Athabasca lake, temperatures at, Petitot, v. 654, 655  
 Athabasca river, v. 634 *et seq.*  
 Athari (Harar) to Ime, itinerary, vi. 272  
 Athens, atlas of, Curtius and Kaupert, i. 160; plan of the new town and its environs, xiv. 429; wall map of ancient, Curtius and Kaupert, iii. 697, iv. 327  
 Atherstone, Dr. G., on the proposed African overland telegraph, i. 271  
 Athi, valley of, East Africa, xiii. 193  
 Athienu, Cyprus, i. 99  
 Athos, excursion to, Neyrat, ii. 521 †; or the Mountain of the Monks, Riley, ix. 517 †  
 Atkinson, E. T., Himalayan Districts of the N.W. Provinces of India †, vi. 300, 683; ix. 586; Statistical, etc., Account of the N.W. Provinces of India †, vi. 354, iv. 388; obituary of, xiii. 399

# Atlantic Ocean—

Barometric pressure over, chart showing, x. 484  
 Bathymetrical map of, xi. 399  
 Coast lines of, geographical development of, xiv. 646, 652  
 Currents of, tested by bottles, vii. 614; and temperatures of, Mathieson on, xiv. 876  
 Meteorological observations in, Prince of Monaco, xiv. 622  
 Railway from, to Pacific, v. 667  
 Temperature, surface, of, chart showing, vi. 614  
**Atlantic Ocean, North—**  
 Charts of the, Prince of Monaco, xiv. 271; Siemens & Co., v. 155. *See* U.S. Hydrographic Charts.  
 Currents of, chart showing, Prince of Monaco, xiv. 619  
 Ice and Ice Movements in, Rodman, xiii. 129 †  
 Norwegian Expedition in, Mohn, v. 497 †  
 Notes on the, Brown, ii. 523  
 Weather charts, synchronous, of, and adjacent continents, i. 158; ix. 330, 398; x. 187, 676  
 Atlantis, History of the, Berlioux, v. 240 †  
 Atlas mountains, xii. 621, 780; Explorations in, De Foucauld, vii. 548; De Gorloff, ix. 358 †; Thomson, xi. 1 \*; Travels in, Thomson, xi. 395 †; Work on, Schnell, xiv. 426 †. [*See also* Morocco.]  
 Atlases [for atlases of special countries, *see* those countries]—  
*General, of Modern Geography:*—Andree, iii. 125; Bacon, ix. 268; Bartholomew, Library Reference, xii. 189; Handy Reference, x. 60; Century, xii. 190; Pocket, viii. 480; xii. 255; Black, x. 260; Cassell, Universal, xiii. 247, etc. (*see* Cassell); Hachette, xi. 467, etc. (*see* Hachette); St. Martin, i. 415, etc. (*see* St. Martin); Hartleben, ix. 397; Universal Hand, xiii. 447; Volks, xiv. 271; Keith Johnston, Royal, xiii. 747; Multum in Parvo, xi. 128; T. R. Johnston, Uncrowded, ix. 658; Levasseur, xii. 776; Perthes Pocket, xii. 648; Philip, Handy General, vii. 271; Handy Volume, ix. 466; Popular, vii. 271; Stanford, London, ix. 630, 729, xii. 56; Handy, xiv. 272; Stieler, x. 403, etc. (*see* Stieler); Ward, i. 615  
*Physical:*—Keith Johnston, xiv. 511  
*School:*—Bartholomew, x. 483; xiii. 63, 311; Letts, vii. 272; Longman's, xii. 712; Stanford, for India, i. 615; Stieler, Berghaus, v. 56; Ward, i. 615  
*Ancient:*—Kispert, xii. 776; Perthes, Pocket, xiv. 884  
 At-leaken hills, Central Asia, ix. 426 note  
 Atmosphere, upper strata of, Förster, xiii. 437  
 Atmospheric Circulation, Grand Currents of, Thomson, xiv. 811 †

- Atmospheric pressure of the globe, xiii.  
145, 146; in Russia, distribution of,  
xiii. 50
- Atok. *See* Atak.
- Atrato river, Colombia. v. 251
- Atravieso de la Lefia, height of, S. America,  
vi. 659
- Atrek river, i. 174, 178
- Attak. *See* Atak.
- Attica, maps of, v. 434, ix. 136, xii. 124;  
Curtius and Kaupert, iii. 639, vii. 198
- Attok, India, v. 611, 623; the Indus at,  
vii. 330, 711
- Atwood's Key not the landing-place of  
Columbus, vi. 586
- Aubad, Efat or Ivat, Island of, vii. 105
- Aubert, C. F., Le Litoral de la France de  
Dunkerque au Mont Saint-Michel, vi.  
53†
- Aubry, M. Aug., on Obock, East Africa,  
v. 494; Paris Geographical Society's  
medal awarded to, ix. 255; scientific  
mission to Shoa and Galla country, viii.  
525
- Auckland, map of provincial district of,  
vi. 110
- Auckland islands, New Zealand, xi. 515
- Audia, latitude of, x. 162
- Audry, C., Carte des Communications  
Postales Maritimes des Lignes Télé-  
graphiques du Globe, xiv. 199
- Augouard, Père, expedition to the Congo,  
iii. 662, iv. 45, 164, 226
- Augusta river, New Guinea, xii. 694
- Aujala, position of, i. 534
- Auk-att, sacred boundary line of the  
Maoris, vii. 201
- Ab-pamir, Darwaz, iv. 412, 414 note
- Anrich, H. von, Historischer Ueberblick  
über die Kolonisation des Schwarzmee-  
r-Küstengebiet des Kaukasus, ix. 777†
- Aurora borealis, Temple on the, i. 601
- Australasia—**  
Geographical Society of, v. 407, 560;  
vii. 674, viii. 193, 422; expedition to  
New Guinea, vii. 669, viii. 101, 433;  
"Proceedings" of, viii. 719; proposed  
Antarctic expedition, xii. 166; Queens-  
land Branch, "Proceedings" of, xi.  
396†; Victoria Branch, *id.*, ix. 718,  
x. 542†  
Library map of, Stanford, xiv. 430  
Picturesque, Cassell, xiv. 878†  
Population and cultivable area of, xiii.  
27, 28  
Progress of, During Half a Century, xi.  
396†  
Stanford's Compendium of Geography  
and Travel, Australasia, Wallace, i.  
410†
- Australia—**  
A Charcoal Sketch, Cowan, viii. 478†  
Alps of, Lendenfeld's travels in, vii. 218,  
xi. 251  
Among Cannibals, Four Years' Travels  
in, Lumholtz, xii. 166†  
Atlas of, ix. 66
- Australia—continued—**  
Bibliography of, Gill, vii. 603†  
Black race of, Miklukho-Maclay on, v.  
47  
Consists of, surveys on, ii. 420, iv. 554,  
555, xii. 389, xiii. 298, 397, xiv. 378  
Colonies of, Descriptive and Pictorial  
Account of, Wilkins, x. 254†  
Description of, Journet, vii. 433†  
Development of, by immigration, xi. 418  
Dictionary of dates and men of the  
time, Heaton, i. 742  
Discovery of, Early, Collingridge, xiv.  
878†; Delmar Morgan, xiv. 808†;  
History of, Fenison-Woods, vii. 771  
Discoveries in the Regions of, Quirós',  
iii. 63, iv. 446†  
Eucla, country N.E. of, map of, Jones,  
iii. 255  
Expeditions in:—Lindsay, x. 741,  
(1885-86), xi. 650\*, (1891-92), xiii. 364,  
xiv. 48, 375; Forrest, map showing  
route, ii. 464; Winnecke, *id.* vi. 614†  
Exploration in, History of, 1788-1888,  
Favene, x. 743†; Summaries of, i. 362,  
ii. 415, iii. 395, iv. 337, v. 384, vi. 371,  
372, 594, vii. 423, viii. 433, ix. 344, x.  
415, xi. 412, xii. 381, xiii. 395, xiv. 375  
Geography, School, for, Chisholm, x.  
543†; Manual of Physical, Wall, ix.  
650†  
Glacial period in, Lendenfeld, ix. 208  
Handbook for, Silver and Co., ii. 713†;  
and shippers' guide†, vii. 263, x. 179,  
xi. 189, xii. 249, xiv. 266  
Journal of a Forgotten Expedition,  
Giles, ii. 712†; of Expedition from  
De Gray to Port Darwin, 1880,  
Forrest, ii. 711†  
Lake Eyre and Musgrave ranges, map  
of region between, xii. 711  
Leichardt's expedition in, search for  
survivors of, ii. 375, iii. 566; reported  
discovery of relics of, iii. 227  
Maps of:—Behr, x. 482; Forrest, i.  
750; for teachers, v. 688; from recent  
surveys, i. 816; V. Haardt (school  
wall), vii. 271, 496; Handtke, xi. 259,  
402; Hughes and Turner, ii. 719;  
Johnston (school wall), xiii. 574;  
Skene, iii. 701; wall, viii. 286  
Meteorological Observations in, Russell,  
ix. 718†  
Population and area of, xiii. 689  
Railway, proposed trans-continental, sur-  
vey for, i. 212, 392  
Reminiscences of Travel in, Tangye, vi.  
106†  
Round the Compass in, Parker, xiv. 662†  
Stuart's track across, vi. 290  
Surveys of latest journeys in, map  
showing, ii. 464  
The Far North Country, Newland, x.  
543†  
Twice traversed, Giles, xii. 249  
Vocabulary of natives of, xi. 668, 671  
Year-book of, 1885, vii. 619

**Australia, Central—**

- Expeditions in:—Lindsay, viii. 647;  
Tietkens, to Lake Amadeus, xiv. 169  
Exploration in, i. 334, ii. 378; Carruthers' report on, xiv. 181; Chewings on, xiii. 343 \*  
Muggrave ranges in, Jones on, iv. 549  
Railway extension in, explorations with a view to, Bain, iv. 164

**Australia, North—**

- Cotton, cultivation of, i. 595  
Melville island, exploration of, Holtze, xiv. 862

**Australia, North-West—**

- Coast of—Progress of marine survey on, xiii. 298  
Forrest, A., expedition in, i. 277, ii. 126, 512, v. 722; map, iii. 444  
Kimberley district, map to accompany report on, Forrest, v. 751

**Australia, South—**

- Adelaide, map of, v. 631  
Boundary between Queensland and, plan of, xii. 645  
Country between Adelaide and the sea, map of, v. 630  
Digging, Squatting, etc., in, Mrs. Daly, x. 52 †  
Eastern region of, Topography of, Sanger, iii. 496  
Explorations in, Cornish, ii. 49; Tietkens, i. 723, ii. 436; Winnecke, v. 631, (map), vi. 566  
History and Resources of, Conigrave, viii. 539 †  
History, etc., of, Stow, vii. 696 †  
Lighthouse map of, iv. 191  
Map of, ix. 65  
Nullarbor plain, Jones's exploration of, iii. 229  
Pastoral leases and claims, map showing, xii. 645  
Rainfall map of, Abbott, ii. 334  
Wheat area in, 1870-1882, map showing, v. 630

**Australia, South-East—**

- Oro-hydrographical sketch of, showing Lendenfeld's routes, ix. 529

**Australia, Western—**

- Aborigines of, Miss E. Clerke on, xiii. 631  
Benedictine Mission of Nouvelle-Nursie in, Bérangier, i. 408 †  
Coast surveys of, v. 597  
Explorations in:—Carr-Boyd, vi. 157; Gillett, xiv. 243; on Upper Gascoyne and Ashburton rivers, Favenc, xi. 492 \*  
Geographical work in, 1870-87, Forrest, ix. 693  
Geography, Physical, of, Robinson, ix. 59 †  
History, etc., of, Favenc, ix. 719 †  
Kimberley, Gold Fields in, Report on, Forrest, viii. 646 †  
Map of, Surveyor-General, iii. 701  
Public Works, Report on, 1885, ix. 322 †

**Australia, Western—continued—**

- Report, annual general, 1888-89, xii. 641; 1890, Woodward, xiv. 266 †

**Australian—**

- Expedition for Antarctic exploration, proposed, ix. 309, 443, 576, 622, 757, 768; to New Guinea, under Mr. Cuthbertson, ix. 508, x. 415, 416  
Geographical Society. See Australasia.  
Hydroid Zoophytes, Catalogue of the, Bale, vii. 695 †  
Longitudes, viii. 343

- Museum, Catalogue of the Echinodermata in, Ramsay, viii. 605 †; of Minerals, Ratte, viii. 605 †; Memoirs of, Lord Howe Island, its Zoology, etc., xi. 515 †

- Race, the, Its Origin, Languages, etc., Curr, x. 254 †

- Austri Cornu, ancient town of Africa, xiii. 528; distance from Rhapsium to, xiii. 546

**Austria, Austro-Hungarian Monarchy—**

- Archduke Ludwig of, books presented by, to Paris Geographical Society, v. 557

- Atlas of, physical, statistical, Chavanne, iv. 584, v. 120, 312, vi. 112, vii. 271, viii. 480, ix. 789

- Commerce map of, ix. 655; commerce and railway atlas, Niltmann, ix. 526

- Environs of Kaschau and Przelnysl, map of, ii. 591

- Language-map of, xi. 321; of western crown lands of, ix. 137

- Maps of:—x. 184, 257; Administrative, ii. 203, 327, iii. 250; Dolezal-Berg-haus-Gonczy (wall), vi. 752; Government, i. 154, 480, 745, ii. 203, 523, 655, iii. 250, 639, iv. 185, 518, 705, v. 184, 435, 748, vi. 237, 428, 753, vii. 198, 492, 773, viii. 284, 540, ix. 591, 723, x. 184, 321, 673, xi. 321, 637, 756, xii. 309; hypsometrical, xiv. 879; of rivers and places, vii. 697; Rand, McNally & Co., xiv. 268; Ritter, v. 501, vii. 697; Scheda, v. 627; school wall, vii. 272, *id.*, Schultz, iii. 128; Steinhauser, viii. 213; traffic, Liebenow, ii. 656; travelling, Perles, ii. 396; Topographical Staff, notice on, Carusso, x. 805 †

- Military stations in, Artaria's map of, x. 400

- Railway maps of, vii. 198, 199, 773, ix. 209, x. 113, vi. 103; Trampler's, iv. 185

- Railway and postal map of, vi. 753, ix. 209, x. 113; and telegraph, Mach and Maasburg, iii. 382

- Rein map of, Sonklar, iv. 447

- Salzkammergut, map of, ii. 463

- Austria, Lower, tourist map of border ranges of, Freytag, v. 568

- Austria Fiord, Franz-Josef Land, v. 211

- Austrian—Congo expedition, vii. 742; consular posts, sketch map of, vi. 358; deep

## Austrian—continued—

- sea exploration: in the Eastern Mediterranean, xiii. 724, xiv. 121; exhibits at Venice Geographical Congress, iii. 751; Polar Meteorological Expedition, iv. 234, 292, 423, 499, 607, 689; Polar Station at Jan Mayen, Von Wolgemuth, viii. 537, 637, 750†; Military Geographical Institute, *see* Austria, Maps, Government
- Automatic sounder, by J. Dillou, vi. 676
- Auwers, Prof., longitudes in Australia, vii. 343
- "Aux Oeufs," or Egg river, North America, v. 640
- Avalanche, Freshfield on, xiii. 405 *note*
- Avalittian bay, Ptolemy's positions in, xiii. 543
- Avalle, E., Notes on the British Colonies, v. 682†
- Avar Language, Caucasus, Baron Uslar, xi. 392†
- Aveiro, plan of the Port of Rio de, x. 748
- Av-chars, tribe of, Asia Minor, vi. 314
- Awabundali and Awamesuko tribes, xiii. 89, 90
- Awakukwe, country of the, xiii. 89
- Awamwamba tribe, Central Africa, xiii. 86, 88
- Awaungu tribe, Central Africa, xiii. 96
- Awemba people, East Africa, v. 690
- Awiwa hills, Central Africa, iii. 267, v. 690
- Ayacucho, La Paz de, xii. 705†
- Ayal Achmet tribe, vii. 629
- Ayis-iyiniwok Indians, v. 649
- Aylward, A., The Transvaal of To-day, i. 202†
- Aymonier, Captain, explorations in Indo-China, vii. 253
- Aymoré Indians, Brazil, x. 82
- Aynsue stream, Gold Coast, v. 37
- Ayolas, Captain Juan de, Exploration of the Gran Chaco, xi. 134
- Ayopaya river, tributary of the Beni, Bolivia, v. 314
- Ayth or Eld, port of, purchase of, vii. 106
- Ayuna river, Bolivia, v. 339
- Azad ed dowlah Deilemi or Band i Amir, xiii. 289 *and note*
- Azad Khan, Sirdar, v. 720
- Azania country, xiii. 544
- Azémar, H., Dictionnaire Stieng, ix. 587†
- Azevedo, M. A. P. d', Map of Madeira, v. 429
- Azof, Sea of, explorations in, Spindler, xiv. 123; salinity of, xiv. 462; waters of the, Kuznetzof, x. 596
- Azores, The, currents round, tested by floats, xiv. 620; Early Cartography of, Filippo, xiv. 865†; History of, xiii. 639†; meteorological observations on, xiv. 623; Walker's work on, viii. 402†
- Aztecs, the, of Mexico, v. 266
- Azuay Mount, S. America, xiv. 127; Province of, Ecuador, v. 333
- Azupizu river, expedition to, La Combe, xiv. 504†

## B

- Ba-. For African tribes beginning thus, *see also* under Wa-
- Ba-Ahi tribe, Mobangi river, xi. 327, 328
- Baba-durmaz, Turkistan, iv. 489, v. 2
- Ba-bangi or Ba-Tansi tribe, vii. 360, 361
- Ba-ba lake, Tonking, viii. 221
- Bab-el-Mandeb, Straits of, vii. 97
- Bab-el Mekânij, ix. 674
- Baber, E. Colborne, on China, v. 441\*; curiosities of travel on the Tibetan border, v. 673; Gill's "River of Golden Sand," condensed by, vi. 99†; journey to Ta-chien-lu, i. 719; obituary of, xii. 468; presentation of patron's medal to, v. 417, 420, 421; remarks on Formosa, vii. 20
- Baber, Emperor, journeys in the mountain frontier of British India, i. 40\*
- Babin, C. and Houssay, F., A travers la Perse Méridionale, xiv. 723†
- Babûa country, reported lake in the, v. 35
- Ba-buma tribe, vii. 356, 357
- Babwendé tribe, West Africa, v. 706
- Babylon, ancient, and surrounding ruins, map of, Trelawney Saunders, viii. 479
- Bacchante, cruise of the, 1879-82, viii. 476†
- Bachenski, Captain, expedition to Central Asia, xiii. 557
- Back, Admiral Sir George, obituary of, i. 70; visit to Lake Athabasca, v. 648
- Backhouse, Mr., v. 322
- Backlund, O., Anteckningar från treuno resor i norra Ryssland, xiv. 865†
- Bac-le, Southern China, viii. 242, xiii. 250, 251
- Bac-ninh, town, viii. 224
- Bacon, G. W., Atlas of the World, ix. 268; Map of Scotland, new popular series, xiv. 663
- Bacon, Thomas, First Impressions from Nature in Hindostan, xii. 308†
- Badagry, West Africa, xii. 600
- Badakshan, Matveyeff's journey into, ii. 249
- Bauleley's Thorough Guides†:—Eastern Counties, viii. 283; English Lake District, ii. 587, xi. 508; Highlands, the Northern, of Scotland, iii. 573, v. 430, ix. 458, 586; Ireland, ix. 648; Orkney and Shetland, viii. 473; Peak District of Derbyshire, etc., iv. 439; Scotland, vii. 771, viii. 746; Wales, North, vii. 771, ix. 458
- Baden, etc., map of, Rachel, x. 545
- Baden, village of, Persia, v. 138, 139
- Badghia, Afghanistan, v. 15, 17, vii. 278, 283, 288, 563, 565, viii. 145
- Badillo, Rio, U.S. Colombia, iii. 709
- Badoujs of Java, Jacobs and Meyer on the, xiii. 561
- Baedeker's Handbooks†:—Alps, Eastern, i. 477, xiii. 567; Belgium and Holland, vii. 771, x. 735, xiii. 567; France,



## Baedeker's Handbooks—continued—

- North, xi. 458; France, Northern, vii. 127; France, Southern, and Corsica, vii. 127, xiii. 288; Germany, Northern, viii. 533, xii. 568; Germany, Southern, and Austria, ix. 648, xiii. 440; Great Britain, ix. 709, xii. 637; Greece, xi. 114, v. 366; Italy, v. 367, viii. 402, 533, ix. 315, xii. 567, xiv. 340; London and its Environs, iii. 502, ix. 648, xi. 566; Norway and Sweden, i. 740, vii. 771, xi. 458; Rhine, iv. 439, ix. 458, xi. 508; Russia, West and Mid., v. 366; Switzerland, etc., i. 477, vii. 696, xi. 566
- Baena, Visconde de Sanches de, on Diogo Caõ's memorial stone, xi. 579
- Baert, Lieut., Explorations of the Ngala River, ix. 303, xi. 344
- Baetzman, M. F., on Nansen's Arctic Expedition, xii. 566
- Baffin Bay, hydrographical observations in, vi. 577
- Baffin Land, Eisverhältnisse von (map), Boas, x. 745; Eskimos of, their Dwellings and Migrations, Boas, vii. 407 †
- Baffin, William, Voyage to Hudson's Bay, x. 552; Voyages of, 1612-1622, iii. 764 †
- Bafodia, Sierra Leone, xiv. 444
- Baghdad, roads and railways starting from, v. 124, 136
- Bagh-i-wash village, Persia, v. 144
- Baghrash Lake, Central Asia, xii. 83
- Bagida, W. Africa, vii. 378
- Baginze, Mount, ix. 293, 315
- Bagna Pesih tribe and town, Central Africa, x. 526, 528
- Bagrada, Basin of the, Tissot, iii. 504
- Bagrām, plain of, i. 118, 119
- Bagster, Rev. W. W., Expedition to the Bihe Plateau, iii. 663
- Bagteli village, Syria, viii. 97
- Baguet, M., Christophe Colomb, xiv. 730 †
- Bahama Islands, Blake on, ix. 579; Eggers, Baron, work on, xiv. 808 †; The Land of the Pink Pearl, Powles, x. 478 †
- Bahia, Province of, Næher, iv. 444 †
- Bahima race, see Bahuma
- Balmeshir Chaneel, Karun River, xii. 516, 529
- Balrein Islands, Persian Gulf, Bent on, xii. 1 \*; Portuguese occupation of, xii. 10, 11
- Bahr-el-Abiad (White Nile), map of, Arnaud-Bey, v. 43; (and B.-el-Seráf), map of Murmo's survey of, iii. 768
- Bahr-el-Arab, ix. 294
- Bahr-el-Ghazal, v. 483; mouth of, position of, xi. 644; Region of, Lupton on the, vi. 152, 245 \*; map of Murmo's surveys in, iv. 453; Sudds on the, and B.-el-Gebel, ix. 400
- Bahr-el-Warshal or Makúa Lake, v. 35
- Bahr Yusuf, or Jusuf, ix. 608, 614; its present state and uses, Capt. Brown, ix. 614
- Bahringo Lake, E. Africa, see Baringo
- Bahuma Tribe, xiv. 413, 832 †. See Wahoma
- Baikal, Lake, viii. 127; exploration of, Tchersky, i. 281; geological map of, *id.*, ix. 51
- Bailadils hills, India, i. 373
- Bailey, Capt. G. W., Alaska and its People, viii. 674 †
- Bailey, Major F., on the Forests of British India, vii. 668; The Indian Forest Survey and School, vii. 748, 749
- Baillie, A. F., A Paraguayan Treasure, ix. 520 †; Kurrachee, Past, Present, and Future, xii. 434 †
- Baillie, Major-General John, obituary of, xi. 246
- Bailunda, expulsion of the American missionaries from, vi. 743
- Bain, D. B., explorations in Central Australia, with a view to railway extension, iv. 164
- Bain, Sir Jas., Remarks on South China Borderlands, iv. 761
- Baines, Thomas, African Traveller, Memorial Tablet erected at Durham, v. 87
- Bainier, P. F., La géographie appliquée à la marine, au commerce, etc., i. 345 †
- Baird, Capt. A. W., International Geographical Congress, Venice, 1881, iii. 749 \*; Tidal Observations in India, i. 445
- Bajaws, or sea-gipsies, Malay Archipelago, v. 91
- Bajistān, Persia, xii. 598, 594
- Bakairi tribe, viii. 521
- Bakangai territory, ix. 406
- Baker, A., Indian races of Vera Cruz, Mexico, ix. 568 \*; on the trade of Vera Cruz, x. 384
- Baker, G. P., explorations in the Caucasus, xiii. 389; Travel and Ascents in the Basardjusi District, Daghestan, xiii. 313 \*
- Baker, Lieut. J., position of Gondokoro of, xi. 643
- Baker Pasha, V., War in Bulgaria, i. 343 †
- Baker, Rev. S. W., account of volcanic eruption in the Friendly Islands, viii. 49
- Baker, Sir Samuel, Cyprus as I saw it in 1879, i. 808 †; on King Mtesa of Uganda, v. 480; on the proposed African overland telegraph, i. 268; on Mr. Stanley's letter, xi. 380; Wild Beasts and their Ways, xii. 771 †
- Baker, W. S., Realistic Elementary Geography, xi. 517 †
- Bakhtegān lake, xiii. 289 and note
- Bakhtiari country, Mrs. Bishop on, xiii. 633; hills, v. 150, 152; tribes, v. 123, 131, 133, xii. 522, 542, 544
- Bakkak Kotal pass, ix. 103
- Bokohur, ancient city of, vii. 280
- Ba-Kombe or Ba-Nyombe tribe, x. 301, xi. 335, 336
- Rakongo tribe, West Africa, v. 706
- Baku, v. 135, 136; petroleum at, iii. 543, viii. 150; Marvin on, vi. 100 †
- Bakuba country, Silva Porto's Journey to, ix. 733 \*; tribe, ix. 642, 646, 647, 756.



- Bakundu country, W. Africa, i. 230, 231, 239; tribe, x. 634
- Bakwileh people, Cameroons, iv. 591
- Balkdeh, Northern Persia, v. 62
- Bala-Islem, vii. 234, 236
- Bala Murghab and Penjdeh, distance between, vii. 283, 565
- Balance sheets of, R. G. S. i. 461, ii. 441, iii. 427, iv. 427, v. 413, vi. 469, vii. 411, viii. 461, ix. 448, x. 461, xi. 444, xii. 481, xiii. 498, xiv. 480
- Bala Vakhia valley, viii. 45
- Balchashine, M., explorations in Turkestan, ii. 767
- Baldegge, lake, depth of, ix. 686
- Baldrich, J. A., Las Comarcas Virgenes, xii. 640†
- Baldwin, W. C., African Hunting, from Natal to the Zambesi, i. 202†
- Bale, W. M., Catalogue of the Australian Hydroid Zoophytes, vii. 695†
- Balearic islands, an examination of, Phené, ii. 653; Archduke Ludwig of Austria's work on†, iii. 318, v. 179, vi. 606; illustrated, xiii. 440†
- Balek village, viii. 325
- Baleni, E. Africa, vii. 382, 383
- Balfour, E., Cyclopædia of India, viii. 209†
- Balfour, T. B., Botany of Socotra, x. 540†
- Bali, Island of, history, etc., of, Van Eck, ii. 198; Journey in, Jacobs, vi. 751†
- Balkan, Little, range, v. 172
- Balkan country, map of, Scheda, ii. 464; Vogel, xiii. 309
- Balkan mountains, survey of, ii. 769, 770
- Balkan peninsula—  
Geological map of, Toula, iv. 775  
Growth of Freedom in, Minchin, ix. 258†  
Laveleye's work on, trans. Mrs. Thorpe, ix. 315†  
Lux's Work on, ix. 258†  
Maps of:—xiv. 738 (wall); Berendsen (wall), v. 56; Freytag, viii. 63; Kiepert, (wall and school), v. 688, (physical), xii. 167; Scheda, xiv. 65; Steinhauser, vii. 834  
Mountain System of the, Streeb, xi. 509†
- Balkans, Round About the, Cambon, xiii. 52†; the Save, the Danube, and the, Leger, vi. 168†
- Balkash, Lake, ix. 427; explorations in neighbourhood of, Krasnoff and Ignatief, ix. 116; Nicolsky, x. 596; survey of, i. 385
- Balkh Ao river, ix. 107
- Balkhan hills, inhabitants of the, i. 168 note
- Ball, E. A. Reynolds, Mediterranean Winter Resorts, xiii. 183†
- Ball, John, and the "Alpine Guide," Freshfield on, xii. 106; and Sir J. Hooker, Journal of a Tour in Morocco, i. 149†; death of, xi. 683; Notes of a Naturalist in South America, ix. 261†; obituary of, xii. 99; observations during a tour
- Ball, John—continued—  
round South America, iv. 624; On the Origin of the Flora of the European Alps, i. 564\*
- Ball, Prof. V., Jungle Life in India, ii. 69†; manual of the geology of India, Part III. Economic Geology, by, iv. 246†; on the identification of ancient diamond mines in India, iv. 98, 640; Tavernier's travels in India, translated by, xii. 46†
- Ballay, Dr., Journeys on the Ogowe and Congo, ii. 775, vi. 294, 376, 481, vii. 51, 549, viii. 206, 773\*
- Ballor, Mr., journey to the province of Kwei-chow, iii. 46
- Bullivian, M. V., Rivers of North Bolivia, xiii. 185†
- Ballod, C., Der Staat Santa Catharina in Südbrasilien, xiv. 873†
- Ballor, Victor, map of French settlements in the Gulf of Benin, xiii. 62
- Ba-Loi tribe, xi. 327
- Balolo tribe, viii. 632
- Balombi-ba-Kotta lake, W. Africa, i. 233
- Balombo tribe and language, x. 37
- Balsa tree, rafts made from the, v. 335, 336
- Baltic, basin of the, map of, vii. 491; hydrography of, Pettersson on, iv. 627; Geography. Physical, of, Akeiman, v. 742†; level of the, viii. 23, 272; Plankton expedition in, xii. 117; zoological and physical conditions, Möbius, x. 173
- Baltic-North Sea canal, viii. 751; map of, xii. 772
- Baltistan, Indus valley, v. 623
- Baltoro glacier, Himalayas, v. 624, x. 512, xiv. 704, 755
- Baluba tribe, Central Africa, ix. 390-645, 755, x. 531
- Baluchistan, Sandeman's tour in, xiii. 173, 228; South-Western, expedition to, v. 720; survey work in, iii. 400, x. 422, xiii. 610; Unexplored, Floyer, iv. 441†; Wandering in, Macgregor, v. 109†
- Balung people, Cameroons, iv. 588
- Balunga tribe, xiv. 179
- Bamako, Niger river, Borgnis-Desbordes' expedition to, v. 36; Delanneau on, v. 427; map of state of, vi. 109, 360, 618
- Bamangwato country, Patterson on, i. 240; population and extent, i. 711; recent journey in, v. 484
- Bamangwato tribes, ii. 170
- Bambara tribe, Bamako country, v. 428
- Bamberg, wall maps by:—Africa, iv. 187; Europe, viii. 213; Germany, v. 56; North America, iii. 256; Palestine, vi. 428; Pyrenean peninsula, viii. 416; Prussia, xiv. 136; Saxony, ix. 592
- Bambuk, recent surveys in, x. 379; Colin's, xi. 175
- Bami to Askabad, tramway in course of construction from, v. 12
- Bamian, Afghanistan, ix. 104, 105; idols of, Yule on, i. 338; Journal of Capt. A. Conolly from, to Khiva, xiv. 631; Valley of, Passes leading to, Kaye, i. 244\*

- Bano river, New Guinea, xiv. 789  
 Bampa harbour, East Africa, v. 691  
 Banana, climate of, Dr. Etienne on, xiv. 559  
 Banana Point, W. Africa, v. 694, 695, vi. 181, 623  
 Bananeira falls, Bolivia, v. 334  
 Banbury, G. A. L., Sierra Leone, x. 540 †  
 Bancka, map of, alluvial formation in, Posewitz, viii. 608  
 Bancroft, H. H., works of †, viii. 602, ix. 58; xii. 487, 640  
 Banda or Bandja tribes, vi. 249, ix. 295, 408  
 Banda forests of India, condition of, i. 516  
 Banda, Timor, and Flores, Mertens on, xi. 459 †  
 Bandakor river, Sierra Leone, xiv. 439  
 Bandar Gez, Northern Persia, v. 170  
 Bandawé, mission station, Lake Nyasa, ii. 429, iv. 227  
 Banderus-dagh peak, Syria, viii. 97, 98  
 Bandiagara, Africa, x. 165  
 Band-i-Amir lakes, and Moore's Bende-meer, ix. 104; Raverty on, ix. 252  
 Band-i-Duzang ridge, vii. 573  
 Band-i-Kir, Southern Persia, v. 155  
 Bandimir river, Persia, v. 139  
 Band-i-Nadir, vii. 283, 565  
 Band-i-Sakha or Tschalup Mt., vii. 564  
 Band-i-Sultan, Turkistan, irrigation schemes in, xiii. 24  
 Band-i-Turkistan range, ix. 575  
 Bandya tribe, ix. 408  
 Bancs, J. F., *Index Geographicus Indicus*, iii. 246 †  
 Bangala station, Congo river, vii. 363-368, xi. 343; river, see Mongala  
 Bangasso river, Central Africa, x. 302, xi. 338  
 Bangkok, original map of the route from, to Mekong, v. 375  
 Bauguay Island, North Borneo, x. 142  
 Bangulu-ngulu tribe, viii. 629  
 Bangweolo, Lake, Central Africa, v. 659, 631, vi. 341, vii. 332, 603, 818; races inhabiting, v. 705  
 Banks' Islands, S. Pacific, iv. 249  
 Baumako. See Bamako.  
 Banning, Emile, *Le Partage Politique de l'Afrique*, x. 740 †  
 Bantu tribes of the Cameroons, iv. 588-595, v. 705, xiv. 545; distribution of, x. 635, 637; Borderland in Western Africa, H. H. Johnston, x. 633 \*  
 Banunu tribe, West Africa, v. 706, vii. 360, 361  
 Banyai tribe, xii. 348  
 Banyan tribe, Mozambique, iv. 603  
 Banzi Makuta, attack by, on Mr. Comber, xi. 24  
 Banzi tribe, Mobanji river, xi. 337  
 Bapst, M. C. S., mission in Daghestan, vi. 235  
 Baptist Missions in Africa, i. 234; geographical work of, i. 359  
 Bara river, Safid-Koh, i. 45  
 Bara country, Madagascar, iv. 527, 531, xi. 300; routes in, iv. 533  
 Baraban, L., *À travers la Tunisie*, ix. 587 †  
 Barabara river, Guiana, xiv. 668, 674, 676  
 Barabasch, Colonel, expedition of, in Manchuria, v. 174  
 Bara-bé district, Madagascar, iv. 530  
 Baralacha pass and range, Himalayas, v. 616, 624, vii. 709, 713  
 Barana river, Guiana, xiv. 668, 676  
 Baramanni river, Guiana, xiv. 675  
 Barattieri, O., *La Regione tra l'Anseba ed il Barca*, xiv. 870 †  
 Barāwa to Wāma, itinerary, vi. 272  
 Barbacena, barrancas near, viii. 365, 366  
 Barbados, meteorological observations in, x. 593; a West Indian Sanatorium, Noxly, x. 178 †  
 Barbaria, Bay of, Ptolemy's positions in, xiii. 543  
 Barberton, Transvaal, altitude of, x. 439; geological formation of, x. 442; railway to, ix. 503; town of, x. 445  
 Barbier, J. V., *Carte de l'Afrique physique*, ii. 527; *Essai d'un Lexique géographique*, ix. 264 †  
 Barboa tribe, Central Africa, iv. 685  
 Bárcena, M., *Description de la Ciudad del Guadalupe*, iii. 379 †  
 Barclay, E., *Mountain Life in Algeria*, iv. 182 †  
 Barclay, H. Vere, explorations in Central Australia, i. 334  
 Bardera to Derégomale, itinerary, vi. 272  
 Bardi-tan, Persia, v. 714  
 Bardsen, Ivar, v. 294  
 Barents Sea, Arctic Campaign of 1879 in, A. H. Markham, ii. 1 \*; explorations in, iv. 36-39; ice in, 1881, iv. 43; 1882, v. 96  
 Barents, Willem, Arctic expedition of, ii. 6, v. 224  
 Bares tribes, Madagascar, xii. 636  
 Bargati, Central Asia, iii. 346 note  
 Baring, Mr. W., v. 125, 144; and Captain Wells, journeys in South Western Persia, v. 128, 129  
 Barima river, Guiana, xiv. 668, 676  
 Baringo, Lake, E. Africa, v. 604, 658, vi. 219, 464, 705, 711, 712  
 Barisan range, Sumatra, v. 657  
 Bark mountain, Athabasca district, pisolites of, v. 637, 638  
 Barker, Capt. D. W., appointment to the Worcester training college, xiv. 408  
 Barker, Commander A. S., deep sea soundings in the S. Pacific, viii. 333  
 Barkhans, sand of the Kura-kum desert, vii. 232  
 Barkhut hills, prolongation of the Paropamisus range, v. 7, vii. 286; pass, Persian boundary, v. 5, 6  
 Barkley, H. C., Ride through Asia Minor and Armenia, xiii. 302 †  
 Barkly, Sir Henry, remarks at anniversary dinner, 1886, viii. 470; at evening meetings, i. 242, ii. 264, 353, 487, iii. 18; on General Strachey's address, xi. 454

Barkul, Central Asia, xii. 78, 79  
 Barlee, Sir F. P., obituary of, vi. 582  
 Barlow, Captain, voyage to Hudson's Bay, x. 553  
 Barnes, J. W., obituary of, xii. 765  
 Baroghil pass, Hindu Kush, i. 111, v. 614  
 Barolong tribe, S. Africa, ii. 695  
 Bérona river, Nguru country, v. 520, 521  
 Barometer, Historical Account of the, by W. Ellis, viii. 674 †  
 Barometric oscillations over oceans, xiii. 141  
 Barometrical Determinations of Heights in Lebanon, etc., West, xiv. 571 †  
 Baron, Rev. R., on the geological structure of Madagascar, xi. 241; journeys in the same, xiv. 738  
 Barong Chuidam, Tibet, v. 100  
 Barotse country, Coillard's journey to the, vii. 610; tribe, xii. 351  
 Barranquilla, port of, Columbia, v. 261  
 Barrapatta peak, Himalayas, v. 616  
 Barré mountain, viii. 72  
 Barren Grounds, the, Athabasca district, v. 651  
 Barrero, Monte, San Domingo, x. 239  
 Barret, Dr. Paul, L'Afrique Occidentale, La Nature et l'Homme Noir, x. 177 †  
 Barri, Somaliland, vii. 380, 633, 634  
 Barrington, C. G., on the proposed Antarctic expedition, x. 92  
 Barrow, Point, Arctic experiences at, Ray, vi. 677; his report, viii. 474 †; U. S. meteorological station at, iii. 735, v. 378  
 Barshor river. *See* Lora.  
 Barskonnaki pass, Central Asia, xii. 21.  
 Bar-Subtense Survey, Tauner, xiii. 631, 675 \*  
 Barth, H., expedition on the Niger and Benue, xiii. 450; journey to Timbuktou, iii. 317; Travels and Discoveries in North and Central Africa †, xii. 572, xiv. 260  
 Barthélemy-St-Hilaire, J., L'Inde Anglaise, ix. 587 †  
 Bartholomew, J.—  
 Atlases by:—America, Handy General, i. 485; British Empire, ix. 212; British Colonies, Pocket, ix. 140; Canada, Pocket, xii. 311; Commercial Geography, xii. 125; England and Wales, Pocket, ix. 466; Ireland, counties of, iii. 704; *id.*, Pocket, ix. 658; London, Pocket, xi. 467; Paris, Pocket, xi. 467; for Schools, x. 483, xiii. 63, 311; Scotland, Pocket, ix. 466; *id.*, Counties of, iv. 584; World, Century, xii. 190; Globe, Hand, xiv. 203; Handy General, vii. 271; Handy Reference, x. 60; Imperial, xiv. 67; Library Reference, xii. 189; Pocket, viii. 480, xii. 253  
 Gazetteer of the British Isles, Statistical and Topographical, ix. 205; of the World, Pocket, x. 607, xiv. 428  
 Maps by:—Africa (political), xiii. 378; *id.* Central, xii. 441; Central and

Bartholomew, J.—continued—  
 South, xiii. 310, xiv. 881; S. Central (political), xii. 645; Asia, Central, vii. 350; Brighton, i. 745; British Isles (reduced Ordnance), xiv. 199; (parliamentary), i. 347; Caithness (reduced Ordnance), i. 480; East-bourns, i. 745; Edinburgh (large scale), vii. 772; England and Wales (tourist's), xiv. 429; Europe, Central (touring), xiii. 641; Haddington and Berwick counties, vi. 545; Hebrides, Outer, vii. 411; Ireland (tourist's), viii. 478; Isle of Skye (reduced Ordnance), vi. 486; Isle of Wight, i. 745; London, Environs of (reduced Ordnance), xiii. 309; (large scale), vii. 773; Lothians and Fife (reduced Ordnance), xiv. 348; Malta and Gozo (geological), xiii. 641; Middlesex, iii. 117; Scotland (orographical), vii. 411; (political), i. 745; (reduced Ordnance), i. 154, v. 501, 627, viii. 478, 605, xiii. 309, 641, xiv. 663, 812; (tourist's), xiii. 378; Surrey, vii. 265; United States, vii. 413; World (commercial chart), xiii. 309; (library chart), iii. 381  
 Bartoli, M. E., and Ramón, L. P. de, España y sus Colonias, xiv. 566 †  
 Bartolomeo, Fra P. da San. A Voyage to the East Indies, xiii. 308 †  
 Barton, Lieut., surveys in the Afghanistan expedition, i. 64  
 Barttelot, Major, Camp of, on the Aruwimi, xi. 315 †; expedition of, xi. 350; murder of, x. 646  
 Barttelot, W. G., Life of E. M. Barttelot, xiii. 59 †  
 Barun Luk pass, i. 274  
 Barun Tsaidam, Tibet, xiv. 777  
 Barwick, Captain, ascent of the Upper Irawadi, xii. 555  
 Basardjusi District, Caucasus, Travel and Ascents in, Baker, xiii. 313 \*; peak, x. 678, xiii. 313, 319, 320, 322, 325  
 Baschin, O., winter in Lapland, xiv. 500  
 Basel Missionary Society, Explorations in the Basin of the Volta, vii. 246 \*  
 Baseleca, S. Africa, i. 241  
 Basenga tribe, xii. 348  
 Basevi, Capt. J. P., survey work in India, vii. 686, 690  
 Basha and Brawdoh rivers, junction of the, v. 615  
 Bashahri tribe, i. 447  
 Bash Deshik caves, Afghanistan, vii. 565, 589  
 Bashil Tau pass, Caucasus, vii. 599 *note*  
 Bashilange tribe, iv. 684, v. 164, ix. 390; map of district of, Wissmann, xi. 62  
 Bashkaul, Turkistan, iii. 727  
 Basht, Southern Persia, v. 160  
 Basil pass and glacier, Caucasus, x. 692, xi. 354  
 Basilisk island, China straits, v. 507  
 Basinja tribe, Victoria Nyanza, xiii. 687  
 Basongamino. *See* Bassongo.

- Basonge people, v. 164  
 Basque race, language of, Comte de Charencey, x. 388  
 Bassa tribe, Benue river, xiii. 454  
 Bassano, M. de, on emigration, i. 74  
 Bassett, J., Persia, viii. 798†  
 Bässler, Dr., visit to Achin, xiii. 732  
 Bassom, Great, or Costa river, v. 229  
 Bassongo Mino tribe, viii. 613, ix. 642  
 Bastak, Persia, xii. 579, 595  
 Bastian, Dr. A., *Der Papua des dunkeln Inselreiches im Lichte psychologischer Forschung*, vii. 619†; *Die Culturländer des Alten America*, i. 78†; *Hawaii*, v. 682; *Indonesien, oder die Inseln des Malayischen Archipel*, vi. 424, 631; viii. 534, xi. 631; on Russia in Central Asia, xiii. 563; *Races of the Brahmaputra*, v. 49†; scientific tour through Persia and the Indian archipelago, i. 280; *The Island Groups of Oceania*, v. 49†; *Zur Lehre von den Geographischen Provinzen*, ix. 322†  
 Basundi tribe, Congo, iii. 555, v. 706  
 Basutoland, area and population of, iii. 3; *Fourteen Years in Widdicombe*, xiii. 694†; *History of, Darwin*, viii. 515†; *Life in, Casalis*, xi. 749†; map of, iii. 120; *id. Krüger*, v. 229; progress of, as a Crown colony, x. 798; *Unexplored*, Clarke, x. 519\*  
 Batak country, excursion in, Rück, ii. 137; *Westenberg*, xiii. 561  
 Batalha-Reis, J., recent Portuguese explorations in Africa, xi. 686  
 Batang, Tibet, vi. 75, 317  
 Batanga district, W. Africa, visit to, Rutherford, ii. 693  
 Batang-Hari, Sumatra, i. 767, 773  
 Batang Lupar river, N. Borneo, iii. 196  
 Batani Dhuns, i. 51  
 Batavia, magnetic, etc., observations at, viii. 409  
 Batavia river, N. Australia, iii. 103; plan of, *Pennefather*, iii. 255  
 Batchelor, Rev. J., an Ainu grammar [with the language, etc., of Japan, *Chambers*], ix. 316†; the Ainu of Japan, xiv. 568†  
 Batoke tribe, Congo, iv. 687, v. 580, 706  
 Bates, H. W., *Central and South America*, *Stanford's Compendium*, i. 79†; *Death of, and Obituary Notices*, xiv. 177, 190, 245\*  
 Bateson, W., on fluctuations in the level of Lake Aral, xiv. 318  
 Batetela tribe, ix. 776  
 Bathgate, J., *New Zealand; Its Resources and Prospects*, ii. 462†  
 Bathurst, New South Wales, Government map of, v. 310  
 Bathy-hypsographical Maps, etc., *Ravenstein*, viii. 21\*; of the British Islands, *British Association Committee on*, vii. 675; report of, viii. 740  
 Batlao tribes, S. Africa, ii. 695\*  
 Batlekoa tribe, Basutoland, x. 520  
 Batoka country, journey in, *Holub*, x. 647  
 Batonga tribe, Upper Zambesi, xi. 219  
 Batovy river, viii. 520  
 Battaks. See Butaks.  
 Battle atlas of the nineteenth century, viii. 352  
 Batu, limestone caves at, iv. 397  
 Batua (Watwa), or Akka, dwarf tribe, v. 174, vi. 590, ix. 295, 407, 646, 776  
 Batwana tribe, viii. 649  
 Batu Penutol gorge, British North Borneo, x. 14  
 Batu Timbang caves, edible birds' nests at, x. 4  
 Batu Uko, or Dog rocks, Padas river, x. 18  
 Baudens, Lieut. G., on ethnography of Algeria, iv. 61  
 Baudens, M., survey of the Red River, *Tongking*, vii. 550  
 Baudin, M., journey in Guinea, ix. 190  
 Bandouin, Capt., map of Morocco, vii. 548  
 Bauhinias in West Africa, v. 696  
 Baumann, Dr. O., *Congo, Ethnography of*, x. 107†; *Physical Geography of*, x. 50†; explorations in Victoria Nyanza region, xiv. 634, 804, 858; *Fernando Po*, x. 396†; expedition to, x. 45; physical features of, ix. 623; *Usambara*, xiii. 692†; explorations in, xi. 39, xii. 421, 615, 667; map of, xi. 195  
 Baumgarten, Dr. J., *Deutsch-Africa*, x. 540†  
 Báun and Bamyín, towns of, v. 16  
 Beur, C. F., maps by—America, iii. 640, viii. 542; Europe and Mediterranean, iii. 639; world, vii. 772  
 Bauro Island, Solomon Islands, xii. 413  
 Bavaria—  
 Atlas, topographical, of, iii. 126, vii. 416, viii. 283, ix. 265, x. 183, xi. 257, xii. 311, xiii. 377  
 Forests of, map of, vii. 491; *id.*, *Weber*, ii. 463  
 Highlands of, tourist map of, xii. 506  
 Maps of:—vi. 106; (places), vii. 411; (positions), ix. 265; (relief), *Rössel*, iii. 251; *Arendts*, i. 745, ii. 463; general staff, ii. 74, (contoured), iii. 126; *Handtke*, xiv. 268  
 Bavarian Alps, Glacial Formations in, *Penck*, iv. 646†  
 Bavier, S., *Die Strassen der Schweiz*, i. 281†  
 Baviera, M., explorations in the Western Sahara, ix. 203  
 Bayumbo tribe, viii. 637  
 Bawara, Bangweolo Lake, vii. 334, 605  
 Baw-Hay, salt wells at, xiii. 710  
 Baxter, Dr., on the Masai, v. 538, 539  
 Bayagaa, dwarfs of the Ogowe, *Campel* on, xiii. 178  
 Bayan Gol, Upper, Tibet, xiv. 778  
 Bayansi tribe, West Central Africa, v. 577, 580, 706, 707  
 Baya river, identification of the Pinarus with, *Ainsworth* on, vi. 468  
 Bayat-Harji, i. 173

- Bayberger, F., map of the Inn glacier moraines, iv. 775; of glacial traces in the Böhmer-Wald, viii. 283; Geographisch-geologische Studien aus dem Böhmerwalde, viii. 310 †
- Bayer, A., Carte du Chemin de Fer Bulgare de Tzaribod-Sophia-Vakarel, x. 673
- Bayle, Ch., award of Paris Geographical Society's medal to, viii. 471
- Bayley Point, Gulf of Carpentaria, iii. 229
- Bayol, Dr., journey on the coast of Senegambia, vi. 297; to the Futa Jallon Highlands, iv. 177, 178, 509; mission to Senegal, v. 173, 236, 298, 561; Voyage en Sénégambie, ix. 779 †
- Baza village, Central Africa, xii. 132
- Baziba tribe, Victoria Nyanza, xiii. 687, 688
- Bazooft, Persia, v. 133
- Beagle, Voyage of the, Darwin, xi. 754 †, xii. 308 †
- Beampingarata mountains, Madagascar, xiii. 368
- Bear Lake river, North America, v. 646
- Bear river, North America, v. 637
- Bear, the, Greely relief ship, vi. 154, 367, 465
- Beardall, Wm., Exploration of the Rufiji River, iii. 308, 641 \*
- Beas valley and river, Punjab, v. 616, 617, 620, vii. 709, xiii. 417
- Beasts mountain, Athabasca district, v. 645
- Beaton, D. J., on the new route in N. W. Canada, viii. 729
- Beauleuk, W. N., Rural Italy, xi. 313 †
- Beaugrand, H., on a curious album, viii. 732
- Beaulieu, P. Leroy, L'Algérie et la Tunisie, x. 474 †
- Beaulieu family settlement on the Salt river, v. 643, 648
- Beaumont, Capt., on arctic research, i. 735; on the voyage of the *Évra*, iii. 148
- Beautemps Beaupré, Mount, New Britain, iii. 93, v. 511, ix. 2
- Beavoir, Comte de, Voyage autour du Monde, i. 345 †
- Beavan, Capt. R., on the country between Candahar and Girislik, i. 727, ii. 548; survey work of, iv. 342
- Beaver, Capt., settlement of, in the Bijouja islands, xi. 597
- Beaver glacier, Selkirk range, xiii. 554
- Beaver reef, v. 597
- Beaver Tinney Indians, v. 648, 651
- Beazley, M., journey through Southern Formosa, vi. 1; on S. W. China, viii. 384; on Korea, viii. 312
- Beccari, Dr. O., explorations in New Guinea, i. 5, 732, vi. 207
- Becher, Capt., Navigation of the Atlantic Ocean, xiv. 875 †
- Becher, H. C., Trip to Mexico, ii. 782 †
- Becher, Mr. on North Korea, xiv. 160
- Béchet, E., Cinq ans de Séjour au Soudan Français, xi. 513 †
- Bechuanaland, Conder on, viii. 739; correspondence respecting †, x. 253, xii. 436; desiccation of, viii. 84-87; irrigation of, viii. 86; Mackenzie on, x. 725 \*; map of western part of, xiv. 350; protectorate of, vii. 456; sand-belts and kopjes of, xiii. 2, 3
- Bechuana tribes, ii. 168, 170
- Becker, Captain, xiii. 393; explorations in the Congo region, xii. 553; La Vie en Afrique, ix. 713 †
- Beckerich, A., Carte du Département de la Meuse, vi. 428
- Bedawin. See Bedouin.
- Bedel pass and river, Central Asia, ix. 427, xii. 23
- Beden, position of, xi. 646
- Bed Kotals pass, ii. 231
- Bednor, city of, S. India, vii. 725
- Bedouin, ix. 660; of Mesopotamia, x. 393; with the, journeys in Syria, Hill, xiii. 53 †
- Bedwell, F. le B., R.N., telegraph map of the world, v. 373
- Beebe, Lieut., Greely relief expedition under, iv. 690
- Beerbohm, J., Wanderings in Patagonia, i. 284 †
- Beeren Island, v. 107
- Beerenberg peak, Jan Mayen, iv. 607
- Beeton, Captain, explorations in North Borneo, x. 142
- Beg clan of the Turkomans, iii. 541
- Begg, A., the Canadian Pacific Railway, viii. 727
- Beghula river, Athabasca, v. 646
- Behaim, Martin, globe of, 1492, xiv. 591
- Behbahan, Southern Persia, v. 159, and note
- Behm, Dr., biographical notice of, vi. 292; Geographisches Jahrbuch †, i. 346, iii. 249; on the geographical societies of the world, i. 213
- Behobeho, E. Africa, ii. 108
- Behr, Prof. F., Karte von Australien, x. 482
- Behring Glacier, Alaska, ix. 276
- Behring island, sketch map of, and of Grebnitski harbour, vii. 775
- Behring Sea and Straits, Early Expeditions to, Dall, xiv. 572 †
- Behring Straits, depth and temperature of, map of, Dall, iii. 701; expedition to the coasts and islands of, Krause, iii. 374; surveys N. W. of, by arctic expeditions, i. 413; United States surveys, iii. 47
- Behring, V. J., by P. Lauridsen, viii. 404 †
- Beilan pass, viii. 95
- Beiza Fars, xiii. 290
- Beke, Dr., on Turkish claims in the Red Sea, vii. 94, 95
- Bek-Tepoh Mt., i. 176
- Beland Sefaleh, Persia, v. 77
- Beled el Kadim, Bahrein islands, xii. 10

- Beleta, town, Guinea, ix. 760
- Belford Mt., New Guinea, xi. 606, xii. 200, 211
- Belford, Mr., expedition to Mount Yule, New Guinea, xiii. 229, 430
- Belgian Elephant Expedition, Rankin, iv. 273\*: exhibits at the Venice Geographical Congress, iii. 751; explorations north of the Middle Congo, xii. 553; International African Association, expeditions of, i. 1, 207, 273, 361, 362, 512, 535, 537, 589, 787, ii. 123, 411, 432, 562, 626, iii. 660, vii. 393, 399, 551, (of French committee) ii. 123; scientific expedition to the Congo, xii. 464; station at Mpala's village, vi. 88
- Belgians, king of the, African Conference initiated by, vii. 223; elephants presented by, to African expedition, i. 705; endowment to the Congo Free State, viii. 623; prize offered by, iii. 668; vote of congratulation to, by the R.G.S., vii. 537
- Belgium**—
- Atlas of the towns of, in the sixteenth century, ix. 466
- Geography, Teaching of, in, Du Fief, ix. 129†
- Geological Formation, Influence of, on, Navez, ix. 711†; map of, i. 745
- Handbook to, Baedeker, vii. 771†
- Maps of:—Doseray (physical), iii. 250; Dépôt de la Guerre, iii. 765; National Institute of Geography, xi. 520; Verecke (relief), iii. 128
- Military forces in, map showing positions of, vii. 198
- Nautical training in, iv. 301
- Provinces of Liège, etc., tourist map of, xii. 308
- Population in, density of, Du Fief's map of, ix. 129
- Railways, etc., of, map of, iii. 251, xiv. 136
- Belgrano, port, Bahia Blanco, v. 600
- Beliafsky, N. N., investigations in the Uat Uri, ix. 431
- Belikan or Nagas river, North Borneo, x. 457
- Belize, port of, British Honduras, v. 203
- Bell, A. P., explorations in Patagonia, xii. 291
- Bell, Ch. N., Continuation of Henry's Journal, xii. 705†; journey in North-West America, vi. 475; Our Northern Waters, vi. 301†; on depth of frozen soil at Winnipeg, viii. 745; The Selkirk Settlement, ix. 715†
- Bell, Clara, translation of Haeckel's Visit to Ceylon, v. 302†
- Bell, Col. Mark L., A Visit to the Káruñ River and Kúm, xi. 313†; explorations in Central Asia, xii. 379; journeys in S. W. Persia, xii. 512; The Great Central Asian Trade Route, xii. 37\*
- Bell, Dr. R., explorations of Richmond Gulf, Hudson's Bay, iii. 365; map of
- Bell, Dr. R.—*continued*—
- proposed route of Manitoba and Hudson's Bay Railway, i. 362; On the Commercial Importance of Hudson's Bay and Recent Surveys, iii. 577\*; on the depth of Hudson's Bay, x. 550; on the forests of the Rocky Mts., vii. 464; on the prairie fires of North America, xiv. 96; report on Hudson's Bay, iv. 517†; on its topography and geology, vii. 341
- Bell, H., The Great Indian Desert, xi. 631†
- Bell, H. C. P., The Maldivo Islands, vi. 98†
- Bell, Sir F. D., on Dr. J. Haast, vi. 417; on Sir James Hector, xiii. 492
- Bell Island, Franz-Josef Land, v. 205
- Bell Sound, New Guinea, xi. 83
- Bellamy, J., expedition to the Cockscorn Mountains, xi. 542\*
- Bellamy, Mount, New Guinea, ii. 315
- Bellamy Peak, Cockscorn range, xi. 548
- Belle, H., Trois Années en Grèce, iv. 114†
- Bellefonds, M. L. de, Carte Hydrographique de la Basse Egypte, etc., iv. 580; obituary of, vi. 381
- Bellemo, Vincenzo, the Travels of Nicolò de Conti, v. 433†
- Bullet, Baron R. de, La Sardaigne à vol d'oiseau en 1882, vi. 235†
- Bellew, Dr. H. W., death of, xiv. 702; on Kafiristan and the Kafirs, ii. 250; the History of Kashgharia, viii. 411†
- Belloc, E., configuration of lake basins of the Pyrenees, xiv. 630; Formes de comblement dans quelques lacs des Pyrénées, xiv. 637†
- Bellot, M. A., on the *Jeanette* expedition, v. 176
- Beloch, Dr. J., Campanien, i. 282†; Die Bevölkerung der Griechisch-Römischen Welt, ix. 462†
- Beloch, P., on the teaching of geography, xii. 670
- Belooch tribes, the, vii. 163
- Belo tribe, Timor, xiii. 562
- Belowti pass, Central Asia, x. 500, xii. 423
- Beltrame, G., Il Fiume Bianco e i Dénka, iv. 182†; Il Sennaar e lo Sciangallah, i. 741†
- B'emba tribe, vii. 603
- Bembo village, viii. 314, 315
- Bemisios, Cilicia Tracheia, xii. 452
- Bena-Kamba, Upper Congo, position of, xiii. 37
- Benamatapa, ruins of, Mashonaland, xiii. 17
- Benares, Life and Work in Kumaon and, Kennedy, vii. 53†
- Bendire, Capt. C., Life Histories of North American Birds, xiv. 873†
- Beneki tribe, Central Africa, v. 164
- Bengal**—
- Asiatic Society of, Centenary Review of, vii. 692†



**Bengal—continued—**

- Jottings, etc., of a Bengal "Qui Hye!"  
 Emanuel, viii. 342†  
 North-east Frontier of, History of  
 Government Relations with Hill  
 Tribes of, Mackenzie, vi. 607†  
 Pilot service, iv. 309 *note*  
 Population of, xiii. 612  
 South, Among the Wild Tribes of, Mrs.  
 Murray Mitchell, ix. 61†  
 Survey work in, xiv. 705  
 Trade routes from, to Tibet, Lewin, i.  
 680  
 Tribes and Castes of, Risley, xiv. 60†  
 Bengal, Bay of, charts of the, ix. 789  
 Bengal Presidency, Government survey  
 maps of, vii. 59; Handbook of, East-  
 wick, iv. 441†  
 Beni Province, Explorations in the, de  
 Rivière, xiv. 729†  
 Beni River, South America, iii. 405, 406,  
 v. 385; ascent of the, v. 385; explora-  
 tions North of, Labre, xi. 496\*: Ex-  
 ploration of, 1880–81, Heath, iii. 420, v.  
 327\*: The Basins of the Amuru-mayu  
 and, C. R. Markham, v. 313\*  
 Beni Amer Country, Lewa H. Smith's  
 Journey in, xiv. 546†  
 Beni Arros tribe, Morocco, xi. 488  
 Bézier, Captain, visits to Vanikore Island,  
 v. 741  
 Beni M'sara tribe, Morocco, xi. 490, xiii.  
 167  
 Benin, expeditions in, xiv. 373; journey  
 in, Carter, xiv. 457; new mountain  
 range in, xiv. 321  
 Benin, Gulf of, map of French settlements  
 in, Ballot, xiii. 62  
 Benin river, West Africa, x. 762; explora-  
 tion of, Gallwey, xiv. 322  
 Benin tribe, West Africa, xii. 606  
 Beni Saf, viii. 733  
 Benjamin, S. G. W., Persia and the Per-  
 sians, ix. 205†  
 Benko, J., Die Schiffs-Station der k. und  
 k. Kriegs-Marine in Ost-Asien, xiv.  
 424†; Reise S. M. Schiffe "Albatross"  
 nach Süd-America, und West Afrika,  
 xi. 190, 517†; Reise S. M. Schiffe  
 "Zrinyi" nach Westindien in 1885 und  
 1886, x. 179†  
 Benndorf, O., and G. Niemann, Reisen in  
 Lykien und Karien, etc., vii. 195†  
 Bennet, Capt., on the geography of Asia  
 Minor, vi. 321  
 Bennett, C. W., on trade in the provinces  
 of Rio Grande do Sul and São Paulo,  
 Brazil, x. 383  
 Bennett, Dr. G., on the Fly river, i. 15  
 Bennett expedition to the Arctic Regions,  
 i. 519. [See "Jeanette."]  
 Bennett Island, Arctic Sea, iv. 376  
 Ben Nevis, force of wind at, xiii. 156;  
 meteorological observations at, xiv. 625  
 Benguella, from, to Yacca, Capello and  
 Ivens†, iv. 246, 701; news from interior  
 of, vi. 743; report on, Parsoné, x. 448

- Benoit, Dr., Études sur la toise de Bessel,  
 etc., xiv. 576†  
 Bent, J. Th., exploration of the ruins of  
 Zimbabwe, xiii. 35, 105, 608, 722, xiv.  
 120; explorations in Cilicia Tracheia,  
 xii. 445\*, xiii. 390; on Mashona and  
 Matabele lands, xiii. 19; on the Bahrein  
 Islands in the Persian Gulf, xii. 1\*: on  
 the Ruins of Mashonaland, xiv. 273\*:  
 the Cyclades, vii. 48†; the Tribes of  
 Mashonaland and their Origin, xiv.  
 870†  
 Bentley, Rev. W. H., Dictionary and  
 Grammar of the Kongo Language, etc.,  
 ix. 58†; founds station at Manyanga,  
 iv. 45; Journey to Stanley Pool, iii. 362,  
 553, (map) 768; Life on the Congo, ix.  
 649†; on King Mukoko of Stanley Pool,  
 v. 288; work on the Congo, iv. 163  
 Benue River, vi. 621; Flegel's expedition  
 to, v. 551; Exploration of, Macdonald,  
 xiii. 449\*  
 Benyowsky, M. A. Count de, Memoirs and  
 Travels, xiii. 639†  
 Bepla, Central Asia, xiii. 217  
 Beniabers of Morocco, vii. 397  
 Berala Bujoh rapid, Malay Peninsula, iv.  
 408  
 Berar, population of, xiii. 612  
 Berber, March from, to Kerosko, in 1863,  
 Grant, vi. 326\*  
 Berbera, port of, Red Sea, position and  
 trade of, vii. 117; itineraries from, vi.  
 272  
 Berbice river, Glaisher's journey on, vii.  
 613  
 Beraga, East Africa, v. 518  
 Berendsen, O., school wall-map of the  
 Balkan peninsula, v. 56  
 Berenger-Féraud, L. J. B., Les Peuplades  
 de la Sénégambie, i. 405†  
 Béranger, Dom J., La Nouvelle-Nursie,  
 Colonie Bénédictine dans l'Australie  
 Occidentale, i. 408†  
 Berenice port, ix. 665  
 Berens, H. H., obituary of, vi. 380  
 Beresford, Lieut., Ascent of Ambrym  
 Volcano, New Hebrides, vi. 129\*  
 Berg island, v. 97  
 Berg, A., Bidrag til Kundskab om Fær-  
 ðerne, xii. 243†  
 Berr, L. W. O. van den, Le Hadhrumout  
 et les Colonies Arabes dans l'Archipel  
 Indien, ix. 518†  
 Berger, M. Haus, ascent of the volcano  
 Ollagua, South America, xiii. 725  
 Berger, Hugo, Geschichte der Wissen-  
 schaftlichen Erdkunde der Griechen,  
 xiv. 505†  
 Berggren, Professor S., v. 365, 564  
 Berghaus, H., maps by:—Africa (physi-  
 cal, wall), iii. 254; Austro-Hungarian  
 kingdom (wall), vi. 752; Europe (com-  
 munications), viii. 412; Hungary (wall),  
 v. 308; world, ii. 272, 591, v. 51; Phy-  
 sikalischer Atlas, viii. 350, 544, 608,  
 679, ix. 67, 212, 268, 330, 529, 657, 728,



- Berghans—*continued*.  
 x. 3, 187, 403, 612, xi. 128, 322, 579, xii. 412, xiii. 63, 698, xiv. 208, 735; Stieler's Schul-Atlas, v. 56; vii. 271
- Bergner, R., Rumänien, ix. 517†; Topographie und Ethnologie Siebenbürgens, xiv. 657†
- Bering. See Behring.
- Berlin. Dorothea, Erinnerungen an Gustav Nachtigal, ix. 651†
- Berlin—  
 Conference on W. African affairs at, vi. 742, vii. 227, 228  
 Geographical Society, Proceedings of, i.-iv. and viii.-xiv. *passim*  
 Maps of:—Environ, ix. 655; illustrated, viii. 751; Sineck's, with Weichbilde, and Charlottenburg, iv. 579  
 Society of colonization, mission to Usagara, vii. 393, 399  
 Society of commercial geography, ii. 191, xii. 241
- Berlioux, E. F., La première École de Géographie Astronomique, etc., i. 151†; Lecture de la Carte de France, Le Jura, ii. 458†; Les Atlantis, v. 240; Les Chêtas sont des Scythai, x. 743†; maps by:—Afrique Centrale, i. 544; Afrique Orientale, vi. 487; Libye Intérieure, Partie Occidentale, vii. 60
- Bermejo river, viii. 337, xi. 136 *et seq.*
- Bermuda island, subsidence of, vi. 585; meteorological observations on, xiv. 623
- Bermudas, the, Account of, Past and Present, Ogilvy, v. 498†; Historie of, ed. Lefroy, iv. 577†; Memorials of Discovery of, *id.*, i. 406†; work on, Heilprin, xii. 248†
- Bernard, Dr., L'Algérie Qui S'en Va, ix. 649†
- Bersard, Capt. F., explorations in Algeria, vi. 96; Quatre mois dans le Sahara, iii. 502†
- Bernardières, M. de, scientific mission of, v. 360
- Bernard-Myo Sanitarium, Burma, x. 264
- Berndt, G., Uebersichtskarte des Schweizerischen Föhngebiets, viii. 605
- Berne, International Geographical Congress at, xii. 755, xiii. 483, 558, xiv. 577†; exhibition at, Holdich on, xiii. 615
- Bernegg, Hektor S. von, Die Verteilung der bodenständigen Bevölkerung im Rheinischen Deutschland im 1820, x. 394†
- Bernerston, S. B., journey in Corea, vii. 242
- Bernier, F., Travels in the Mogul Empire, 1656-68, xiv. 501†
- Bernier, Th., Dictionnaire Géographique, etc., du Hainaut, ii. 199†
- Bernoville, Raphael, La Souanétie Libre, x. 320†
- Bero river, South-West Africa, v. 458
- Berobero route, E. Africa, i. 420
- Bern, J. A., map of Uruguay, v. 688
- Berrian, Algeria, iv. 359
- Berry, Capt., expedition for the relief of the *Jeannette*, iii. 373, 483, 733; exploration of Wrangell Land, iv. 30-32
- Berry, Sir Graham, and Antarctic exploration, ix. 622
- Berta tribe, Abyssinia, iv. 230
- Bertelli, M., wire pendulum for predicting earthquakes, viii. 598
- Berthelot, S., Vitalité des Mers, i. 346†
- Berthoud, Pasteur, journey to Gunguhana's kraal, xiv. 633; on tribes related to the Zulus, v. 285
- Bertrand, A., Departamento de Tarapacá, i. 812†
- Berufford, ice off the, ix. 684
- Besagi volcano, Sumatra, v. 637
- Besançon, map of, Depot de la Guerre, iv. 775
- Besant, W., Captain Cook, xii. 251†
- Beschoren, Max, on the Upper Uruguay valley as a field for colonization, ii. 702
- Bescke, C. J., Nord-Ostsee Kanal (map of), viii. 751
- Beshna, Persia, xii. 583
- Bessel, Etudes sur la toise de, Benoit, xiv. 576†
- Bessels, E., Die Amerikanische Nordpol-Expedition, i. 743
- Besson, Dr., ascent of Mt. Ambondrombo, Madagascar, xiii. 39
- Besud road between Herat and Kabul, ix. 103
- Beswick, Rev. Th., description of the Kemp-Welsh river of New Guinea, ii. 511
- Betham-Edwards, M., the Roof of France, etc., xii. 243†
- Bethel, Maine, sand-polished boulders at, viii. 192
- Bethune, Admiral, obituary of, vi. 380
- Betslio, Caucasus, vii. 598, x. 339; pass of, vii. 599 *note*, x. 691
- Bet-ibboka river, Madagascar, xiv. 744
- Betsiléo, province of, iv. 522
- Betsinisarakaka tribe, Madagascar, xi. 300, 301
- Betsimitatatra, Madagascar, xiv. 742
- Bettencourt, E. A. de, Descobrimentos, guerras e conquistas dos Portuguezes†, v. 434, xii. 362
- Beundo river, West Africa, x. 447
- Bevan, G. P., Primer of the Industrial Geography of Great Britain and Ireland, ii. 143†; statistical atlas of England, Scotland, and Ireland, iii. 126, 256, 447, 704, iv. 191, 455
- Bevan, T. F., ascent of Aird river, xii. 691; Discovery of two new rivers in British New Guinea, ix. 576, 595\*, 766; Expeditions in New Guinea, x. 416; (Fifth), x. 106†, xi. 82\*
- Beyer, C., Atlas General de la Republica Argentina, ix. 594; Mapa de la Republica del Paraguay, viii. 608

- Beynen, Lieut. K., Arctic voyages of, i. 26, 30; death of, ii. 36; promoter of arctic research, v. 348
- Beyrich, E., Geognostische Beobachtungen G. Schweinfurth's, viii. 604†
- Bezaur, S. de, Le Fleure Bleu, i. 404†
- Bezingi glacier, Caucasus, vii. 599, x. 680, xi. 351, 356, xii. 258, xiv. 112; Peaks of the, Holder, xi. 359\*
- Bezout island, magnetic attraction near, xiii. 299
- Bezwa town, viii. 694
- Bezzenberger, Dr. A., Die Kurische Nehrung und ihre Bewohner, xi. 186†
- Bhaga river, Punjab, vii. 709, 713
- Bhaga Tsaidam, lake, ix. 743
- Bhamo route to Yunnan, iv. 726
- Bharab-Langur pass, xiii. 110
- Bheri river, India, xiii. 418
- Bhews lake, Sikkim, iii. 329
- Bhore Ghat incline, W. India, iv. 477
- Bhutan, R.N. and P.A.'s exploration of, x. 420; surveys in, xiii. 414, 415; Report on Explorations in, xi. 568†
- Bhutiahs of Kumaon and Gurhwal, i. 447, 449, iv. 315
- Bia, Capt., expedition to Katanga, xiv. 860
- Biafo glacier, Karakoram, xvi. 631, 754
- Bianchi, Signor, expedition into Abyssinia, iv. 547; murder of, vii. 115
- Bianco, Andrea, v. 475
- Bianconi, F., maps by—Honduras and Salvador (commercial), xiv. 269; republic of Guatemala, xii. 573; South American republics (commercial, physical, etc.), x. 747
- Biazid, Sultan, shrine of, at Bostam, Persia, v. 79
- Bibliographie Nationale Suisse, Graf, xiv. 566†
- Bibliography, geographical, vii. 343
- Bibliotheca Lindesiana, Earl of Crawford and Balcárces, vii. 129†
- Bibundi, W. Africa, i. 227
- Bickmann, Prof. A. L., Karte der Bezirks-Hauptmannschaften und der Eisenbahn-Linien im Königl. Böhmen, vii. 129
- Bida, Journey up the Niger to, Rev. John Milam, iii. 26\*
- Bidantso lake, Sikkim, iii. 335, 336, 339
- Biddulph, C. E., Journey across the Great Persian Desert, xiii. 645\*
- Biddulph, Major J., on the identification of Bolor or Bileur, iii. 311; on the Kasir tribes, iii. 280 note, 299; routes near Gilgit, iv. 548; the Tribes of the Hindoo Koosh, iii. 318†; tour in Chitral and Yassin, i. 794
- Biddulph, Sir M. A., Fishin and the Routes between India and Candahar, ii. 212\*
- Biddulph, Sir R., Cyprus, xi. 622, 705\*
- Bieberstein, Baron de, on the trans-Caspian railway, x. 388; on the trans-Siberian railway, x. 246, xi. 47
- Bielefeld, plan of town of, viii. 805
- Bielz, E. A., Siebenbürgen, viii. 274
- Bifure, Kebbi river, xiii. 474
- Bigelow, F. H., New Method for the Discussion of Magnetic Observations, xiv. 730†
- Bigg-Wither, T. P., obituary of, xiii. 40
- Biggell, Mr., visit to Lake Mistassini, vii. 181
- Bihé, expedition to the plateau of, Bagster, iii. 603; Silva Porto at, ix. 754; trade of, xi. 81
- Bijapur city, Mahratta empire, iv. 461
- Biji, Somaliland, xiii. 662
- Bijnor District, Statistical, Descriptive, etc., Account of, Conybeare, i. 343†
- Bijouga or Bissagos islands, West Africa. Stallibrass, xi. 595\*
- Bileka Maghúgha lake, East Africa, vi. 260
- Bilgrami, S. H., Historical and Descriptive sketch of the Nizam's Dominions, xiii. 189†
- Biliotti, E., L'Île de Rhodes, iv. 771†
- Bilisa Káshe lake, Galla country, iv. 372
- Bilton, Island of, History, etc., of, De Groot, x. 176†
- Billinghurst, G. E., Geografía de Tarapacá, ix. 520†; Reconocimiento Militar del Río Desagüadero y de la Altiplanicie Andina, iv. 647†
- Billings, J. S., Report on the Mortality, etc., of the United States, viii. 210†
- Binahi, North Borneo, x. 14
- Binder, Henri, Au Kurdistan et Mésopotamie et en Perse, x. 395†; journeys in Kurdistan, x. 101, 173; on the Ued Mzab and its people, xi. 389, 390
- Binger, Capt., Carte du Haut-Niger, xii. 710; Du Niger au Golfe de Guinée, xiv. 260†; Esclavage, Islamisme et Christianisme, xiv. 870†; expeditions in West Africa, xi. 110, 176, xii. 166, 378; reception in Paris, vii. 173
- Binnie, A. R., On Mean Rainfall, xiv. 730†
- Binsar peak, Himalayas, v. 617
- Binué river, Church Missionary Society's expedition up, i. 787, ii. 124; Account of, Hutchinson, ii. 289\*; map of, from Djen to Ribago, Flegel, ii. 334. See Benue.
- Biography, National. Dictionary of, Stephen†, ix. 135, x. 609, xi. 517, 754, xii. 439, xiv. 730
- Bionasset, Glacier de, xiv. 551
- Birch, E. W., report on the Keeling Islands, viii. 263
- Birch or Bark mountain, v. 637
- Birchner, Dr. M., journey through Australia, New Guinea, Japan, etc., xiii. 238
- Bird, Admiral, death of, iv. 49
- Bird, C., Geological Map of Yorkshire, iii. 765
- Bird, Isabella L. (Mrs. Bishop, q.v.), The Golden Chersonese, v. 300†; Unbeaten Tracks in Japan,† ii. 730, vii. 258

- Bird fountain, South-West Africa, v. 465  
 Bird island, Indian Ocean, v. 596  
 Birds' nest or Elephant islands, Carpenter on, x. 303  
*Birkus latro*, viii. 391  
 Birlinger, Dr. A., *Rechterheinisches Alamannien*, xii. 300 †  
 Birmania, in, Perucca, viii. 601 †  
 Birmingham, Handbook of, viii. 797 †  
 Birrim river, Akim, v. 38  
 Birwat Guzlan hills, Afghanistan, vii. 571  
 Bishnoies of Rajputana, McGill on, vi. 593  
 Bishop, Mrs. (see also Bird, I. L.), Journeys in Persia and Kurdistan, xiv. 258 †; Journey through Lesser Tibet, xiv. 713, 808 †; the Bakhtiari country, xiii. 633  
 Bishop, N. H., Four Months in a Sneak-Box: a Boat Voyage down the Ohio and Mississippi, ii. 522 †  
 Bishop, W. H., Old Mexico and her Lost Provinces, vi. 102 †  
 Bismarck Archipelago, Count P'cil on, xii. 238  
 Bissagos islands. See Bijouga  
 Bissaudu, Sierra Leone, xiv. 450  
 Bissao, town of, Bijouga islands, xi. 598  
 Bisson, L. de, La Tripolitaine et la Tunisie, iv. 246 †  
 Bisuel, Capt. H., Les Touaregs du Nord, xi. 188 †  
 Bithynia, Eastern, Prof. Hirschfeldt's archaeological expedition to, iv. 568  
 Bivouac Point, Havik island, vii. 176  
 Bizemont, Lieut. de, position of Khartum of, xi. 643  
 Bizerta and its Future, iii. 695 †  
 Bizet, A., Carte de la Grèce, iv. 123  
 Bjarnarfjord glacier, Iceland, x. 307  
 Bjorne's voyage to Vinland, vii. 30  
 Björnorten, Greenland, vi. 538, 539  
 Blache, V. de la, joint-editor of new geographical periodical, xiii. 689  
 Black, A. C., General Atlas of the World, x. 175  
 Black, C. B., itinerary through Corsica, x. 175  
 Black, C. E. D., geography of the upper course of the Brahmaputra, i. 682; of the Pamir, xiv. 124; Memoir on the Indian Surveys, 1875-1890, xiii. 738 †; on the Upper Salween or Lu-tze-Kiang river, v. 604  
 Black, Sir George, voyage to Hudson's Bay, x. 555  
 Black Forest, Its People and Legends, Séguin, ii. 458 †; map of, for tourists, Alkermessen, x. 322; Rambles in, Wolff, xii. 569 †  
 Black Mountain region, Capt. Wahab's survey of, xi. 105, xiii. 557; photographs of, Le Messurier, xiii. 576  
 Black River, or Nam Tay, Indo China, xiii. 716, 717  
 Black Sea, depth of, xiii. 50; Meydell's observations on the variations in level of, viii. 269; Ostroumoff's report on the Black Sea—continued—  
 fauna of, xiv. 461; petroleum in the neighbourhood of, viii. 150; Russian scientific exploration of, xiii. 171, 561, xiv. 375; Spindler's deep-sea explorations in, xiv. 122; work on, Luksch and Wolf, viii. 340 †  
 Blackburn, Rev. J., journey from Mombasa to Mambaia, x. 92  
 Blackie, C., Geographical Etymology, ix. 783 †  
 Blackie, W. G., Commercial Education, x. 318 †  
 Blackwood's Magazine, Travel, Sport, and Adventure from, xii. 185, 365 †  
 Bladé, J. F., *Géographie Politique du Sud-Ouest de la Gaule Franque*, xiv. 865 †  
 Blaikie, Rev. W. G., Personal Life of David Livingstone, iii. 62 †  
 Blair, D. R., obituary of, viii. 436  
 Blake, H. A., on the Bahamas, ix. 579  
 Blakiston, Capt. Thomas W., obituary of, xiii. 728  
 Balauw plateau, Sumatra, x. 657  
 Blanc, E., on artesian borings in the Sahara, xi. 389; on the best routes from Northern Africa to the Soudan, xi. 455; travels and investigations in Southern Tunis, xi. 250; journey in Central Asia, xiii. 123, 180; on the Brothers Grijmillo's journey, xiii. 226  
 Blanc, Mont, map of, and the valley of Chamounix, v. 683  
 Blanchard, E., Dissémination des espèces végétales et animales, vii. 489 †  
 Blanchard island, China Straits, v. 507  
 Blanche peninsula, New Britain, v. 511  
 Blanchet, M. L., navigable routes in Cochin China, x. 596, 597  
 Blanchot, Colonel, on erosion and its results, xi. 602  
 Blanford, H. F., Elementary Geography of India, Burma, and Ceylon, xii. 702 †; Guide to the Climates and Weather of India, xi. 509 †; Indian Meteorological Memoirs, viii. 671 †; on the Herat valley, viii. 152; on the influence of forests on rainfall, ix. 191, x. 40, 98; on the origin and character of the monsoons, ix. 191; Report on the Meteorology of India †, viii. 671, x. 48  
 Blanford, W. T., obituary of Frederick Drew, xiv. 52; on geographical results of the Afghan Campaign, iii. 79; Vaughan's journey in Eastern Persia, xii. 595; on the lake region of Sikkim, iii. 338; on North-West Arabia and Nejd, vi. 395; on Jebel Shammar (Nejd), ii. 99  
 Blangsted, M. H., on the population of Greenland, ix. 312; on wooden maps from Greenland, viii. 273  
 Blantyre, East Africa, climate of, Milne, ix. 305; position of, fixed, O'Neill, vii. 434, 435, 538; starting-point of expeditions, Last, ix. 42, 177, O'Neill, vi. 741, Rankin, vii. 655

- Blau, Dr., death of, i. 280  
 Bleek, W. H. J., visit to Panda, 1870, i. 202  
 Blencowe, Rev. G., physical geography of Zululand and its borders, i. 324\*  
 Blessi geysir, Iceland, iv. 132  
 Blewit, Lieutenant, volumes of the Mali Kha and Nmai Kha Rivers, xiv. 171, 172  
 Blink, Dr., Der Rhein in den Niederlanden, xi. 630†; the Congo Territory and its Inhabitants, xiii. 441†  
 Bliss, R., Classified Index to Maps in R.G.S.'s Publications, viii. 603†  
 Block, Lieutenant, journeys in Greenland, x. 238  
 Blondel, M., on the island of Réunion, x. 389  
 Bloyet, Capt. A., award of Paris Geographical Society's medal to, viii. 273, 471; on Usagara, iii. 562  
 Blue river, Di-chu or Yang-tze, vii. 170, ix. 228  
 Blue mountain peak, Jamaica, height of, Hall, ix. 579  
 Blumentritt, F., Diccionario Etnográfico de Filipinas, xii. 244†; expressions peculiar to the Spanish of the Philippines, iv. 574†  
 Blunt, Lady Anne, Pilgrimage to Nejd, iii. 188†  
 Blunt, W. S., A visit to Jebel Shammar. New Routes through Northern and Central Arabia, ii. 81\*; on proposed Indo-Mediterranean railway routes, i. 685; on the Karun river, xii. 530  
 Blyden, Edward W., Christianity, Islam, and the Negro Race, x. 50†  
 Blytt, Prof., on the laws of distribution, iii. 603, 604; Probable Cause of the Displacement of Beach-lines†, xi. 190, 320  
 Board of Trade, instruction in navigation, by the, iv. 302  
 Boas, Dr. F., Die Wohnsitze und Wanderungen der Baffinland-Eskimos, vii. 407†; explorations in British Columbia, xi. 456, 457; journey to Baffin Land and Cumberland Sound, viii. 456; map of the same, viii. 63; on the central Eskimo, xiii. 307; visit to German Polar station, vii. 612  
 Boa-Vista, map of the island of, xi. 62  
 Boca del Cerro, Usumacinta river, Guatemala, v. 197  
 Bocche di Cattaro, xii. 632  
 Bochini river, W. Africa. See Kwa.  
 Bock, C., expedition to the Chinese frontier, iv. 235; map of Route from Bangkok to the Mekong, v. 375; on Siam, v. 299; Temples and Elephants, Journey through Upper Siam, vi. 53†; The Head-hunters of Borneo, ii. 762†  
 Boddam-Whetham, J. W., visit to Mount Roraima, vi. 672, vii. 528; Roraima and British Guiana, i. 687†  
 Boddy, A. A., To Kairwan the Holy, vii. 196†  
 Bode, Baron, travels in S. W. Persia, xii. 552  
 Boden See, depth of, ix. 686; Shores and Cities of, Capper, iii. 58†  
 Bodenbender, Dr. W., exploration of the Chilian Andes, x. 168, xii. 752  
 Bodenham, C. de la Barre, obituary of, v. 388  
 Bodin Peak, Afghanistan, i. 629  
 Boehm, Dr., expedition to Lake Tanganyika, etc. See Böhm.  
 Boehmer, G. H., on Volcanic Eruptions, etc., in Iceland, viii. 747†  
 Boem or Boe district, viii. 253  
 Boers in South Africa, History of the, Theal, ix. 588†; emigration of, to Damaraland, ii. 317; of Humpata, v. 462, 471  
 Bogdanovitch, M., exploration of the Mustag-ata mountains, xii. 88  
 Bogdo-ola mountain, Central Asia, xiii. 209, 214, 216  
 Bogong, Mount, Australian Alps, Lendenfeld's exploration of, viii. 192  
 Bogos country, area and population of, vii. 104; Journeys to the, De Nordeck, viii. 405†; *id.*, Traub, xi. 395†  
 Bogos tribe, xiv. 707  
 Bogoth, the Cordillera of, xiv. 850  
 Boguslawski, Prof., Handbuch des Ozeanographie, vi. 236†  
 Boheireh, Caspian, i. 166 *note*  
 Bohemia, maps of:—districts and railways, Bickmann, vii. 129; fisheries, x. 183; general, Koristka, iv. 775, Wagner, v. 183; political divisions, and railways and streets, *id.*, x. 673; Northern, *id.*, ii. 656; Western, *id.*, iii. 640  
 Bohemian forest, geographical and geological studies in, Bayberger, viii. 840; maps of glaciation and profiles of lakes in, *id.*, viii. 283  
 Böhm, Dr., expedition in East Africa, iv. 571, 572, v. 551, vi. 88; death of, vii. 606  
 Böhm, Dr. A., Die Alten Gletscher der Enns und Steyr, vii. 765†; Eintheilung der Ostalpen, ix. 709†  
 Bohndorff, F., Reisen in Zentral-Africa, Hassenstein, vii. 693†  
 Bohn, Benue river, xiii. 455  
 Boid, Capt. A., A Description of the Azores, xiii. 639†  
 Boisgobey, F. de, Du Rhin au Nil, ii. 324†  
 Bojaëli or Banëa tribe, W. Africa, xi. 564  
 Bokalik valley, Tibet, ix. 741  
 Bokemeyer, Dr. H., Die Molukken, x. 539†  
 Bokhara, expedition in Eastern, Schwartz, ix. 432; From London to, Le Mesurier, xii. 52†; journey from, to Krasnovodsk, Bonvalot and Capus, iv. 169; journey in, Maief, i. 66, 356; khanate of, and town, xi. 288, 289; map of Afghan-Bokharan boundary, vi. 238; roads from, iii. 724, 730; Russian expedition to, ix. 432  
 Boko, latitude and height of, v. 251  
 Bokokimbo river, Guadalcanar island, x. 362  
 Boko-Songo, Africa, position of, x. 596

- Bokumbi river, W. Africa, vii. 456, viii. 632  
 Bolan Pass, ii. 537; explorations of, i. 58, 62; survey of, xiii. 610  
 Bolatli, Asia Minor, latitude of, x. 162  
 Bolivar, Colombia, v. 252  
**Bolivia**—  
 Andean tableland of, journey through, 1882, Minchin, iv. 671 \*  
 Boundary of, with Chili, i. 785  
 Commercial map of, Bianconi, x. 747  
 Eastern, and Gran Chaco, Minchin, iii. 401 \*  
 Explorations in, Guillaume, xi. 694; Hettner, xiii. 47; Labre, xi. 496 \*; Thour, xii. 671; (of the Desaguadero), Billingham, iv. 647 †; (of the Rivers North of), xiii. 185 †; (of those in North), xii. 705 †  
 Geographical Dictionary of, xii. 705 †  
 Geography of, Notes on, xi. 632 †  
 Missions in, Memoir of, Sans, xi. 193 †; to the Mojos, Altamirano, xiv. 63 †  
 Nautical Geography of, Vidal-Gormaz, ii. 72 †  
 Navigation of the Madre de Dios, Armentia, x. 741 †  
 Produce and exports of, iii. 413-415  
 Railways to, Robilliard on, xiv. 562; map of route of that to La Paz, Desmond, ii. 528  
 Recent visit to, Ellis, xii. 227, 228  
 Silver mines of, iv. 674, 675  
 Bolóbo, Congo river, v. 575, 579, 702, 709; latitude of, vi. 743; Journey to, H. H. Johnston, v. 692 \*  
 Bolobo-Moié district, vii. 360  
 Bologofsky, Lake, remains of a people of the Stone Age near, v. 392; mountain chain of, i. 126  
 Bolor or Bilaur, country of, identification of, Biddulph, iii. 311; Raverty, iii. 668  
 Bolton, H. C., Catalogue of Scientific and Technical Periodicals, ix. 521 †  
 Bolton, J., on the longitude of Lake Nyasa, i. 526  
 Bolyr, Col., Russian expedition into Central Asia under, ix. 508  
 Boma, West Africa, v. 694, 697, 703, 710, vi. 181, 182, 624  
**Bombay**—  
 Magnetical and Meteorological Observations at, 1888-89, xiii. 302 †  
 Mean sea-level at, Walker on, iv. 611  
 Murray's Handbook of, iii. 247 †  
 Population of, xiii. 682  
 Presidency, survey maps of, vii. 58  
 Secretariat, Selections from Letters, etc. in, edit. Forrest, † viii. 600, xi. 119  
 Surveys in, xiv. 705  
 Bombom river, E. Africa, vii. 381, 382  
 Bomokandi river, v. 34  
 Bompiani, S., Italian Explorers in Africa, xi. 120 †  
 Bomsdorff, Th. von, Karte des Königreich Sachsen, iii. 765  
 Bon, M. Gustave G., journey in the Himalayas, vii. 395, 826  
 Bön tribe, E. Africa, vi. 266  
 Bona, Bay of, changes of the coast line of, Fischer on, ix. 242  
 Bonaparte, Prince Roland, La Nouvelle Guinée, Le Fleuve Augusta, xi. 319 †; Le Glacier de l'Aletsch et le Lac de Märljen, xii. 300 †; Le Premier Établissement des Néerlandais à Maurice, xii. 301 †; Les Derniers Voyages des Néerlandais à la Nouvelle Guinée, vii. 408, 482 †; Les Habitants de Suriname, vii. 55 †; Les Premières Nouvelles concernant l'Eruption du Krakatau, vii. 482 †; Les Premiers Voyages des Néerlandais dans l'Insulinde, vii. 482 †; The Lapps of Finmark, xi. 252 †; Une Excursion en Corse, xiv. 59 †  
 Bondei Mts., E. Africa, i. 667  
 Bondei tribe, i. 92  
 Bondu country, survey of, Fortin and Leforte, x. 379  
 Boné, M., bequest to the Imperial Academy of Sciences at Vienna, v. 298  
 Bonenschen, Dr. A., Johann de Mandeville und die Quellen seiner Reisebeschreibung, x. 543 †  
 Bonga, position of, ix. 189  
 Bonga Chutare Nhamuzingo, viii. 512 note  
 Bongolava Mountains, Madagascar, xiii. 560  
 Bonifacio, Corsica, xii. 633  
 Bonin Islands, Dr. O. Warburg's journey to the, xiii. 369  
 Bonnange, F., Atlas graphique et statistique du commerce de la France, i. 145; Carte de la propriété immobilière des congrégations religieuses en France, iv. 327  
 Bonnefont, L., Carte Murale de la France, et de l'Europe, vi. 173; planisphere terrestre, i. 287  
 Bonnetain, Paul de, L'Extrême Orient, x. 395 †  
 Bonneville, Lake, U.S.A., Physical Geography of, Gilbert, xiii. 305 †  
 Bonney, Prof., Address at the Geological Society of London, Feb., 1886, viii. 603 †; on the geology of the central group of the Caucasus, xi. 366; on the Southern Alps of New Zealand, vi. 66; on the scientific aspects of geographical education, viii. 199  
 Bonny, W. Africa, vi. 179, 621, x. 759, 761  
 Bonola, M., report of Cairo Geographical Society, 1882, iv. 387  
 Bomsdorff, A., Zur Bestimmung der Constanten der Erdellipsoide aus Gradmessungen, xi. 396 †  
 Bonstetten, Baron de, Carte archéologique du Canton de Fribourg, i. 154  
 Bonvalot, G.—(and Capus), expedition to Central Asia (1880-82), iii. 737, iv. 103, 169, (1886-87), viii. 721, 796, ix. 245, 307, 457, 509; reception in Paris on return, x. 171; (and Prince Henry of Orleans), journey through Central Asia, xii. 38, 45, 98, 175, 234, 235, 467;

**Bonvalot, G.—continued—**

En Asie Centrale, vi. 421, vii. 617 †;  
Through the Heart of Asia, etc., transl.  
Pitman, xi. 117 †; De Paris au Tonkin,  
xiv. 194 †

Bonwick, J., Climate and Health in South  
Africa, ii. 140 †; French colonies and  
their resources, viii. 603; the resources  
of Queensland, ii. 394

Boos, P. R., Wandkaart van Nederl. Oost-  
Indië, iv. 449

Booso, or Oboso, district and people of,  
viii. 255, 256

Booth, Sir Henry Gore, search expedition  
for Mr. Leigh Smith, iv. 375

Boothby, Richard, early work on Mada-  
gascar, i. 652

Bopi river, or La Paz, Bolivia, v. 339

Boquete del valle Hermoso, height of, S.  
America, vi. 659

Bör, latitude and longitude of, xi. 644

Bor Abor tribes, vii. 323. *See* Abor.

Borabini, xii. 130

Borai valley, ii. 238

*Borassus ethiopicum*, xii. 601

Borchgrave, E. de, La Serbie: administra-  
tive, économique et commerciale, viii.  
283 †

Bordeaux, Geographical Congress at,  
resolution adopted, v. 173, 174; Geo-  
graphical Society of, proceedings of,  
iii. 562, vi. 177, 178; Société de Géog-  
raphie Commerciale de, v. 173; itin-  
erary from, to Jerusalem, by the Bordeaux  
Pilgrim, transl. Stewart, ix. 323 †

Bordier, M. A., La Colonization Scientifique  
et les Colonies Françaises, vi. 544 †; La  
Géographie Médicale, vi. 55 †

Bordier's visit to Mt. Blanc, 1772, and  
theory as to nature of glaciers, x. 788

Borelli, M. J., divisions, etc., des régions  
Amhara, Oromo, et Sidama, xii. 247 †;  
Ethiopie Méridionale, xii. 768 †; explora-  
tions in the Galla countries, x. 451, xi.  
119, 182, xii. 174; on the course of the  
Omo river, xi. 560

Boreyda, town of, Nejd, vi. 389

Borgarfjardarsýsla, hot springs of, Iceland,  
vi. 156

Börger, Prof., Berechnung eines einzelnen  
Hoch- oder Niedrig-Wassers nach Zeit  
und Höhe, xiv. 577 †

Borghu, W. Africa, xii. 610

Borgian map, the second, by Diego Ribero,  
reproduced by W. Griggs, ix. 62

Borgnis-Desbordes, Colonel, v. 236, 484;  
possession of Murgula, v. 175; surveys  
in West Africa, ii. 690, 775, iii. 364, 563.  
iv. 46; work on the Niger, v. 36

Borgu. *See* Borghu.

**Borneo—**

About Borneo and Ceylon, Clutterbuck,  
xiii. 738 †

Admiralty surveys on north-east coast,  
iv. 553

Gardens of the Sun: Naturalist's Journey  
in, Burbidge, ii. 781 †

**Borneo—continued—**

Handbook of, for Colonial Exhibition, xi.  
252 †

Head Hunters of, Bock, iii. 762 †

Het Kongswezen van, De Groot, viii.  
600 †

Journey in, Cotteau, vi. 473, 474; Pose-  
witz, xi. 512 †

New Maharajahate of Sabak, Selater, i.  
121 \*

North-Eastern, notes on, Pryer, v. 90 \*;  
Dutch boundary in, Kindersley on, x.  
594; Versteeg on, x. 455, 798

North-west, Ley's travels in, v. 721

Reports and Sketches on, i. 343 †

Surveys in, vi. 378

Tribes of, v. 92

**Borneo, British North—**

Admiralty surveys off, xiv. 378

Development of, Cook, xi. 693

Gueritz on, vi. 667

Handbook of, xii. 244 †

Journeys in, Daly, x. 1 \*; Montano,  
iii. 592; Wittl, iv. 691

Maps of, from surveys of B. N. B. Co.,  
etc., x. 812

Notes on Sarawak and, Crocker, iii.  
193 \*

Progress in, v. 350

Summary of Exploration in, Mayne, x.  
134 \*

The New Ceylon, Hatton, iv. 116 †

Trade, progress of, in, xiv. 710; resources  
of, Pryer, x. 797, xi. 376

Bornu, W. Africa, xii. 610

Boro-boro range, Central Asia, ii. 492, xlii.  
212; hot-springs in, iii. 158

Borohudsir river, Kulja, ii. 494

Boronat y Satoire, F., España Geográfica  
Historica Illustrada (map), ii. 207

Bororo Indians, Von den Steinen on, xi.  
111

Borrow, G., The Bible in Spain, xii. 637 †

Borsari, F., Geografia, etc., della Tripoli-  
tania, xi. 253 †; La letteratura degl'  
Indigeni Americani, x. 741 †; Lo zono  
colonizzabili dell' Eritrea, xiv. 807 †;  
Una pagina di storia Argentina, x.  
542 †

Bort, M. T. de, journey through the  
Algerian Sahara, x. 648; mission to  
Bir-es-Cof, vii. 401, 551; on the route  
from El Golea to Geryville, xiv. 423

Boruki river, tributary of Congo, vii. 456,  
viii. 47, 430

Bosch Velo mountains, Transvaal, x. 250

Bosekop, Lapland, Norwegian meteor-  
ological station at, v. 378. *See* Bossekop.

**Bosnia (with Herzegovina, etc.)—**

Bosnia Illustrated, Kirchner, i. 283 †

Geological map of, v. Hauer, iii. 64

Maps of, vii. 349, viii. 63; Handtke  
(southern), iv. 327; Hauslab (hypo-  
metrical), i. 347, ii. 143; Steinhauser,  
iv. 328

Official Tour through, Asbóth, xii. 46 †

People, History, etc., Hoernes, x. 250 †



**Bosnia—continued—**

- The Country and its Inhabitants, Schweiger-Lerchenfeld, i. 283 †
- The Land and the People, Strauss, iv. 574 †
- Work on, Asbóth, xi. 186 †
- Boss, Emil, vi. 441, 442; Back bequest awarded to, vi. 340, 418
- Bossekop, Lapland, xiv. 500; meteorological station at, iv. 570, v. 378
- Bossi, B., *La Causa principale dei Terremoti*, etc., x. 110 †
- Bostam, Northern Persia, v. 79
- Botanical Trip in Madagascar, Scott-Elliott, xiii. 158 \*
- Botany, Geographical Aspects of, Grisebach, ii. 783 †
- Botella, F. de, España, *Geografía Morfológica y Etiológica*, ix. 586 †
- Bothnia, Gulf of, map of southern part of, viii. 415
- Botoeudo Indians, Brazil, x. 63, 71, 72, 80; their botoeque, or lip-ornament, x. 73, 80, 81
- Böttcher, E., *Orographie und Hydrographie des Kongobeckens*, xi. 58 †
- Bottego, Captain, excursion in Somaliland, xiii. 722; Nella Terra dei Danakil, xiv. 870 †
- Bouba, Portuguese Guinea, v. 738
- "Boucanes," or subterranean fires, Athabasca, v. 636
- Bouche, Pierre, *Sept Ans en Afrique Occidentale*, vii. 196 †
- Bond, Ami, *Die Europäische Türkei*, xi. 508 †
- Bone, po-tition of, ix. 189
- Bongainville island, natives of, x. 371
- Boulinais, Captain A., the Cochín China Contemporary, v. 676 †; Guadeloupe: physique, politique, etc., ii. 523 †
- Boulm, island of, Trouillet on, v. 558, 559, 738
- Boulangier, M., journeys in Cambodia and Siam, iii. 665
- Boulger, D., Tongkin and the new approach to Yunnan, iv. 643
- Bourbon Island, information on, Pajot, ix. 520 †
- Bourgade, Dr. E. de, journey through Paraguay, x. 167; Le Paraguay, xii. 640 †
- Bourges, map of, *Dépôt de la Guerre*, iv. 175
- Bourget lake, France, xiv. 556
- Bourke, Capt. J. G., The Snake-dance of the Moquis of Arizona, etc., vii. 407 †
- Bourne, F. S. A., exploration in South-east Yunnan, viii. 189; Journey to the Imperial Mausolea, east of Peking, v. 23 \*; on the project for a railway between South-west China and British Burma, x. 381; Report on a Journey in South-western China, x. 539 †
- Bourne, G., Murchison grant awarded to, ix. 311, 454
- Bourne, G. C., on the Island of Diego Garcia of the Chagos Group, viii. 335 \*
- Bourne, H. R. F., *The Story of our Colonies*, xi. 60 †
- Bourne, S., on lands still available for European settlement, xiii. 34
- Bovallius, Carl, *Antique Ceramics found in Nicaragua in 1882-83*, xiii. 376 †; *Nicaragua Antiquities*, xiii. 376 †; on the American inter-oceanic canal, vi. 50; *Travels in Central America*, xiii. 376 †
- Bove, Lieut. G., Antarctic expedition of, iv. 547; Expedition Austral Argentina, vi. 608, viii. 410 †; expedition to Patagonia and Tierra del Fuego, iii. 659, v. 106, 386; obituary of, ix. 584; Patagonia, Terra del Fuoco, Mari Australi, v. 112 †
- Bowen, Lord Justice, remarks at dinner to Mr. Stanley, xii. 498
- Bowen, Mr., on the quartz crystal of Yoruba, xii. 612
- Bowen, Sir G., on South Central Madagascar, iv. 535; on New Britain, ix. 18
- Bower, Captain, explorations in Central Asia, xiii. 388, xiv. 220, 319
- "Bowie" Arab tribe, camp at Shakhe, v. 156, 157
- Bowler, L. P., prospector's sketch-map of Matabele and Mashonaland, xi. 703
- Bowragarh, fort of, West India, iv. 472
- Boyd, Carr, explorations in Central Australia, ii. 378; in North-West Australia, and death of, vi. 157, 373
- Boyd, C. R., Resources of South-West Virginia, iii. 505 †
- Boyd, R. Nelson, Chili and the Chilians during the War, iii. 443 †
- Boyde, H., *Several Voyages in Barbary*, x. 320 †
- Boyle, D., Archaeological Report, Canadian Institute, xiv. 571 †
- Bozai Gumbaz, xiv. 17
- Bozdar tribe, i. 55
- Brackebusch, Dr. L., *Skizze eines Theils der Sierra de Cordoba* (map), iv. 188; map of the Argentine Republic, xiii. 696; Note on the same, xiv. 873 †; maps of Province of Jujuy, etc., v. 600
- Brackenbury, Major-General H., *The River Column, Nile Expedition*, viii. 210 †
- Bradford, Geographical Education Exhibition at, viii. 724, ix. 250
- Bradshaw, Dr. B. F., on the Chobe River, S. Central Africa, iii. 203 \*
- Braga, L. J. V., visit to Makanga, viii. 511
- Brahmakund, the, vii. 320
- Brahmaputra river, iv. 616, viii. 266, xi. 386; discharge of, x. 582; discharge of, above Sadiya, vii. 329; geography of the upper course of the, Black, i. 682; the Abor country on the upper, Capt. Michell's sketch of, iv. 676; sources of the, iv. 270, vii. 87; the Races of the, v. 49 †
- Braidwood, New South Wales, plan of, v. 310



Brainard, Sergeant, letter from, on receipt of the Back grant, viii. 531  
 Bramine river, viii. 685, 688  
 Bramston, John, on proposed Antarctic expedition, x. 91  
 Branco island, Sargasso sea, v. 740  
 Brand, Sir J. H., obituary of, xi. 421  
 Branda, P., Le Haut-Mekong on le Laos ouvert †, ix. 816, xi. 512  
 Brandenburg, Gold Coast, iv. 508  
 Brandenburg province, Nowack's map of, iii. 697  
 Brandt, Professor, zoological results of the German Plankton expedition, xii. 116  
 Braufl, Col. B. R., Physiography of Southern India, vii. 719 \*  
 Branner, J. C., The Æolian Sandstones of Fernando de Noronha, xiii. 740 †  
 Brassey, Lady, In the Trades, the Tropics, and the Roaring Forties, vii. 129 †; Voyage to India and Australia in the *Sunbeam*, xi. 190 †  
 Braunschweig, map of the duchy of, ix. 395  
**Brazil**—  
 Atlas of, De Mello, iv. 456  
 A Year in, Dent, viii. 536 †  
 Brazil, the Amazona, and the Coast, Smith, ii. 325 †  
 Capital of, proposed change of, xiv. 861  
 Colonization of, viii. 370; colonies, southern, of, map, ix. 724; of Santa Cruz, map, xi. 578  
 Commerce, Maritime, of, vii. 771 †  
 Condition and Prospects of, Andrews, ix. 460 †  
 Configuration and rivers of, viii. 354, 357  
 Development, industrial, of, Wells, xii. 671  
 Emigrants' Guide to, xi. 751 †  
 Ethnographical map of, Ehrenreich, xiii. 379  
 Exploration of, viii. 368  
 Explorations in, xii. 382; of rivers Itapetininga and Paranapamena, Sampaio, xii. 253; of Rio Doce, Stearns, x. 61\*; Von den Steinen, map of routes, Claus, viii. 542  
 Forest region of, xii. 429  
 Frontier Surveys, Report on, de Araujo, ix. 193 †  
 Geographical, etc., Commission of San Paulo, report of, xii. 740 †  
 Geography, etc., of, Derby, vii. 488 †; Ehrenreich, xiv. 728 †; Mackenzie, vii. 748; Wells, viii. 353\*, xii. 671  
 Historical, etc., Sketches of, Fletcher and Kidder, i. 479 †  
 Indians of, xii. 241  
 Journey in San Paulo, Holme, ix. 108 \*  
 Le Brésil en 1889, xi. 632 †  
 Maps of, vi. 304; Coelho, xiii. 697; V. J.C., viii. 350  
 Population of, vii. 821  
 Railways of, viii. 366, 367, 369; in Province of Rio de Janeiro, etc., map of, Wells, ii. 206

**Brazil—continued—**

Rivers of, viii. 354, 357, xii. 239  
 Slavery in, viii. 369  
 Soil of, viii. 363, 367, 369  
 South, map of, with railways, Lange, xiii. 537  
 Temperature of, viii. 363  
 Through Central, Von den Steinen, ix. 208 †  
 Trade in Provinces of Rio Grande do Sul and San Paulo, Bennett, x. 383  
 Trade route to Bolivia, Report on Survey for, Pinkas, viii. 345 †  
 Tribes, primitive, of central, Von den Steinen on, x. 593  
 Undercurrents of the Trombetas, etc., map of, v. 55  
 Work on, Laërne, vii. 488, 620 †; Levasseur, xi. 751 †, xiv. 133  
 Brazza, Jacques de, journey to the Sekoli river, vii. 648; explorations on the Ogowe, ix. 339; death of, x. 388  
 Brazza, Savorgnan de, Conférences et Lettres de, ix. 393 †; expeditions on the Ogowe and Congo, i. 129, 358, 684, ii. 123, 775, iii. 98, 175, 182, 183, 359, 484, iv. 509 (address at the Sorbonne), v. 104, 483, 605, 736, vi. 47, 376, 480, 589, vii. 426, 816, viii. 771\*; Les voyages de, Neuville and Bréard, vi. 301 †; medal presented by Italian Geographical Society to, i. 513; gold medal of Paris Geographical Society awarded to, i. 219; reception of, by the Municipal Council of Paris, v. 43; receptions of, by Paris Geographical Society, i. 219, viii. 206; treaty of annexation of territory at Stanley Pool, iv. 226, v. 288, 289  
 Brazzaville, West Africa, v. 575; establishment of, iii. 359, iv. 511; position, ix. 189  
 Bréard, Ch., Les voyages de M. de Brazza, vi. 301 †  
 Breiðamerkr glacier, Iceland, xiv. 841  
 Bremen and its environs, xiii. 183 †; Geographical Society of, proceedings of, 1881, iii. 373; expedition to the Chukche Peninsula, under the Brothers Krause, iv. 621; map of East Cape from surveys of the same, iii. 373  
 Bremner, John, ascent of Mount Wrangel, ix. 278  
 Bremond, M., on the advance of civilization in Shoa, vii. 110  
 Brenner, Mr., ascent of the Tana river, xiv. 531  
 Brest, map of, Dépôt de la Guerre, iv. 775; geographical exhibition at, v. 430  
 Bretschneider, E., Mediæval Researches from Eastern Asiatic Sources, xi. 510 †; note on the Peking plain, v. 31  
 Brettes, Vicomte de, explorations in the interior of Gran Chaco, vii. 397, viii. 190, ix. 515, x. 101; on names of lakes in Gran Chaco, viii. 472  
 Brett's Handy Guide to New Zealand, xiii. 241 †

- Breusing, Dr. A., obituary of, xiv. 856  
 Bricchetti-Robecchi, L., Testi nelle Lingue  
 Harrare e Galla, xiv. 870 †. See Robecchi.  
 "Bridal Veil Fall," Whangaehu river, vii.  
 217  
 Bridge, Capt. C., Cruises in Melanesia  
 and Visit to New Guinea, viii. 545 \*;  
 on the Solomon islands, xii. 417  
 Bridges, J., From Tilbury to Torbay, xi.  
 51 †  
 Bridges, E. S., Round the World in Six  
 Months, i. 814 †  
 Bridges, F. D., Lady's Travels Round the  
 World, v. 183 †  
 Bridges, Rev. Mr., dictionary of Fuegian  
 language, vi. 423  
 Briggs, Sir T. G., obituary of, x. 422  
 Brigham, W. T., Guatemala, the Land of  
 the Quetzal, ix. 780 †  
 Bright, Sir Charles Tilston, obituary of,  
 x. 387  
 Brijje river, West Africa, Arthington fall  
 on, iii. 21, 22, 99  
 Brindisi to Bombay, Guido Cora, viii.  
 131 †  
 Brindley, W., visit to the ancient por-  
 phyry quarries of Egypt, ix. 692  
 Brine, Admral Lindsay, on the Bahrein  
 islands, xii. 17; on Guatemala, v. 203;  
 on the ruins of Copan, viii. 594  
 Brine, Col. F., tourist's map of Iceland,  
 iii. 382  
 Brinton, D. G., Data for the Prehistoric  
 Chronology of America, ix. 715 †; on  
 the Chiuantec Language of Mexico, xiv.  
 504 †; Studies in South American  
 Languages, xiv. 427 †; the American  
 Race, a Linguistic Classification, etc.,  
 xiii. 304 †; The Tribute Roll of Monte-  
 zuma, xiv. 728 †; Were the Toltecs an  
 Historic Nationality?, ix. 781 †  
 Brion, H. F., Relievo map of Sudan, vii.  
 494; photo-relief maps of England and  
 of Scotland, viii. 352; of England and  
 Wales, xii. 506  
 Brisbane, map of, xii. 370; with surround-  
 ing country, xiii. 134  
 Brisoana river of Ptolemy, Persia, v. 715  
 Bristol, navigation schools in, iv. 303  
 Bristowe and Wright, Handbook of British  
 Honduras for 1889-92 †, xi. 632, xii.  
 640, xiii. 570  
 Britain, Great, the ports of, Simonin on,  
 v. 299  
 Britain, the beginning of the geography  
 of, Boyd Dawkins, ix. 696  
 Britain, Greater, Dilke, vii. 489 †  
 Britannic Confederation, edit. White, xiv.  
 344 †  
 British Archaeology, Dr. Montelius's study  
 of, v. 47, 48  
 British Association—Committee on geo-  
 graphical education, meeting of the, ix.  
 120; Canadian Economics, viii. 602 †;  
 Oceanography at, 1892, xiv. 619 \*; pro-  
 ceedings of the geographical section at:—  
 Sheffield, 1879, i. 602, 675, 727  
 British Association—continued—  
 Swansea, 1880, ii. 574, 643  
 York, 1881, iii. 594, 673  
 Southampton, 1882, iv. 614 (jubilee  
 meeting)  
 Southport, 1883, v. 610, 667  
 Montreal, 1884, vi. 583, 667  
 Aberdeen, 1885, vii. 674, 748 (Report,  
 viii. 602 †)  
 Birmingham, 1886, viii. 655, 727  
 Manchester, 1887, ix. 628, 689, 769  
 Bath, 1888, x. 654, 717  
 Newcastle-on-Tyne, 1889, xi. 613, 686  
 Leeds, 1890, xii. 620, 671  
 Cardiff, 1891, xiii. 617  
 Edinburgh, 1892, xiv. 638, 712  
 British Colonies, Elementary Geography  
 of, Dawson and Sutherland, xiv. 577 †;  
 Historical Geography of, Lucas †, ix. 652  
 (introduction), xi. 122, xiii. 129; Notes  
 on, Avalue, v. 682 †; pocket atlas of,  
 Bartholomew, ix. 140; school map of,  
 vii. 704  
 British Columbia—  
 Agricultural and Commercial Capabili-  
 ties of, Tanner, ix. 717 †  
 Explorations in, Boas, xi. 456, 457;  
 Dawson and Ogilvie, ix. 758; in  
 North-West, Seton Karr, xiii. 65;  
 in the Glacier Region of the Selkirk  
 Range, Green, xi. 153 \*; in Southern  
 interior, Dawson and Bowman, map,  
 x. 258; in Yukon District, Dawson,  
 Report, xi. 461 †  
 Forest fires and vegetation of, xi. 164,  
 165, 169  
 Indian races of (map), ix. 464  
 Information for Intending Settlers †, viii.  
 588, ix. 716  
 Maps of—x. 258; Mohun, vii. 413; Rand  
 McNally & Co., iv. 454, ix. 657  
 Northern, recent surveys in, x. 382  
 Photographs of, Notman & Sons, xii.  
 312, 371  
 Rocks and rivers of, Moberley, vii. 831 †  
 British Commercial Geographical Society,  
 vi. 711  
 British East Africa Company, x. 708,  
 722, 723  
 British Empire—  
 Atlas of, Bartholomew, ix. 212; Johns-  
 ton (Colonial and Indian), ix. 268;  
 Williams (Queen's Jubilee), ix. 67  
 Geography and atlas of the, Highman,  
 i. 752  
 Maps of, Johnston, vi. 176; T. B. John-  
 ston ("Howard Vincent"), viii. 348;  
 Shawe, viii. 752  
 Tariffs and Trade of, Sequel to Synopsis  
 of, Rawson, xi. 190 †  
 Through the, von Hübner, viii. 408 †  
 Work on, Sir G. Campbell, ix. 323  
 British Guiana. [See also Guiana.]  
 Agricultural and Commercial Society  
 of, Journal of †, viii. 672, xi. 633  
 Ascent of Mt. Twek-kway in, Whitely,  
 viii. 453

**British Guiana—continued—**

- Boundary with Venezuela, Im Thurn on, ii. 51
- Catalogue of Exhibits, Colonial Exhibition, viii. 603 †; Paris Exhibition, i. 78 †
- Explorations in, Whitely, iv. 612, (Mt. Roraima), vi. 452 \*: Mc Turk (Upper Cayuni), iv. 695
- Forests of, vii. 499, 500
- Gold mining in, xiv. 686, 687
- History, etc., in Relation to Venezuela, Watt, ix. 460 †
- Indians of, vii. 501, 502
- Journey in Interior of, Im Thurn, ii. 465 \*
- New scientific journal in, iv. 696
- North-Western District, Im Thurn, xiv. 665 \*
- Photographs of, Im Thurn, xiv. 584
- River system of, xiv. 680
- Trade, population, etc., of, xi. 106
- Tribes of, xiv. 681

**British Honduras—**

- Expedition to the Cockscorn Mountains in, Bellamy, xi. 542 \*
- Explorations in, xii. 383; Fowler, ii. 129
- Forests of, Hooper, x. 742 †
- Handbook and Catalogue of, viii. 603 †
- Handbooks of, 1889-92, Bristowe and Wright †, xi. 632, xii. 640, xiii. 570
- Journey from, to Santa Cruz, Miller, xi. 23 \*
- Map of, Usher, x. 812, xi. 126, xiii. 63; *id.*, showing route of projected railway, xi. 259
- Photography of, Usher, xiii. 64
- Report of Expedition to Cockscorn Mountains in, xi. 58 †
- Western frontier of, notes on, Miller, ix. 420

**British Isles—**

- Atlas, large scale, of, vi. 112
- Building of the, Jukes-Brown, x. 735 †
- Gazetteer of, Statistical and Topographical, Bartholomew, ix. 205 †
- Geography of, Davidson, ix. 710 †; (elementary), Geikie, x. 394 †; (short), Green and Stopford, ix. 136 †; (pictorial), Palgrave, ix. 711 †
- Geological map of, Ramsay, i. 153; section of sedimentary strata, Jordan, i. 746
- Maps of—Bartholomew (reduced Ordnance), xiv. 199; Kiepert (wall), v. 56; S.P.C.K., iii. 128
- Politics of members of Parliament, 1885, map showing, T. R. Johnston, viii. 132
- Sea round, mean level of, viii. 23
- Weather forecasting for, Toynbee, xiii. 567 †

British Museum, geographical department, Major's report on, i. 395; Printed Maps in, Catalogue of, viii. 280 †; Subject Index of Modern Works added to the Library, 1880-85, Fortescue, ix. 134 †

British New Guinea. *See* New Guinea.

British North Borneo. *See* Borneo.

British polar meteorological expedition, iv. 293

Brittany, Rüttimeyer, v. 48 †

Broadfoot, Lieut., i. 53, 54; on the Gomul valley, xii. 169

*Broeckhinia cordylinoidea*, vii. 511, 513, 516

Broch, Dr., on the mountains of Swedish Lapland, viii. 58

Brochets river, v. 640

Brock, Admiral S., Views in Circassia, xiv. 173 \*

Brockhaus, F. A., Karte der Umgebung von Komotau, Brüx, etc., ii. 895

Brocklehurst, Thomas W., Mexico To-day, v. 241 †

Brodriebe, Hon. W. A., Recollections of an Australian Squatter, vi. 104 †

Brodrick, Hon. G. C., remarks at dinner to Mr. Stanley, xii. 495; on geography in its relation to history, viii. 196; on public schools prizes examinations, i. 470; on Rio Doce, Brazil, x. 79, 84

Broichmann, J., map of world (Mercator), v. 683

Broke, George, With Sack and Stock in Alaska, xiii. 740 †

Broken Hill silver mine, Central Australia, xiii. 346, 349

Broken Water bay, New Guinea, v. 512

Bromme, T., Karte der Erde (Mercator), vii. 772

Bromo, Mount, height of, vii. 50

Bronner, F. J., Parallelismus der Flusssysteme Europas, Asiens, Afrikas, und Amerikas, viii. 674 †

Brönnsund strait, Norway, ii. 284

Brooke, Sir Jas., work in N. Borneo, iii. 207

Brooks, H., Natal, a History, etc., i. 202 †; new methods for contoured relief maps, viii. 399

Brough, B. H., Tacheometry, or Rapid Surveying, x. 543 †

Braunton, Mr., visit to the Miao-tso tribes of South China, iii. 225

Brower, J. V., chart of ultimate source of Mississippi, xiii. 643

Brown, Alexander, The Genesis of the United States, xiii. 304 †

Brown, A. S., Madeira and the Canary Islands, xii. 247 †; on the social and economic condition of the Canaries, xiv. 802

Brown, Capt. R. H., the Bahr Yusuf, its present state and uses, ix. 614

Brown, Ch., visit to Mount Roraima, vi. 671, vii. 528

Brown, H. A., A Winter in Albania, xi. 114 †

Brown, H. Y. L., on the geology at Hale river, Central Australia, xiii. 349

Brown, J., three months in Cyprus, i. 731

Brown, J. A., Palaeolithic man in North-West Middlesex, x. 165 †; obituary of R. H. W. Dunlop, x. 244

Brown, Marie A., The Icelandic Discoverers of America, ix. 716 †. *See* Shipley.

- Brown, P. H., Early Travellers in Scotland, xiv. 60†; Tours in Scotland in 1677 and 1681, xiv. 721†
- Brown, Dr. R., Notes on the Northern Atlantic, ii. 523†; Our Earth and its Story, † x. 318, xi. 321, xii. 251; The Adventures of Thomas Pellow of Penryn, xiii. 129†; The Countries of the World, ii. 143†; The Story of Africa and its Explorers, xiv. 260†
- Brown, Rev. G., Dictionary of the Duke of York Island Language, ix. 59†; a journey along the coasts of New Ireland, etc., iii. 213; on New Britain Group, ix. 16; on the place of geography in education, viii. 715
- Brown, Mount, Rocky Mountains, v. 634
- Brown, River, New Guinea, xii. 211, 560
- Brown, Major, E. C., The Coming of the Great Queen (acquisition of Burma), x. 251†
- Bruce, Capt., explorations in the Caspian, i. 161, *et seq.*
- Bruce, Hon. C. G., exploration in the Karakoram, xiii. 682, xiv. 768, 769
- Bruce, J. B., journey in N. W. America, vi. 295
- Bruce, Right Rev. G. Knight, Journey through Mashonaland in 1880, xii. 346\*, 377
- Bruck, Environs of, Austrian Government map of, iv. 249
- Brucker, J., Benoit de Goës, Missionnaire voyageur dans l'Asie Centrale, i. 477†
- Brückner, Dr. E., Die Vergleichs-sterung des Salzachgebietes, ix. 129†; Eiszeit-Studien in den südöstlichen Alpen, xiv. 340†; on climatic variations, xiii. 50; on the constancy of the climate of today, xi. 387, 388
- Bruges, plan of, Kips, ix. 325
- Brugsch Bey, H., Dictionnaire Géographique de l'Ancienne Égypte †, i. 405, ii. 70
- Brûlé rapid, Athabasca river, v. 637
- Brunner islands, shoal off, v. 507
- Brunei, Borneo, v. 721; cessions of land, by Sultan of, i. 122
- Brunel, O., Arctic expedition of, ii. 5
- Brunialti, Signor, on Italian emigration, iv. 179
- Brun-Renaud, Ch. Le, Les Possessions Françaises de l'Afrique Occidentale, vii. 767†
- Brunswick. See Braunschweig.
- Brusewitz, Lieut., Arctic journey of, ii. 57
- Brussels, geography at the exhibition at, ix. 764; Guide to, Kips, viii. 478†; National Institute of geography established at, v. 297; plan of, Kips, ix. 325; the Conference at, xii. 771†
- Bruyne, Capt., Arctic expedition of, i. 27, ii. 28
- Bruyssel, E. van, La République Orientale de l'Uruguay, xi. 633†; La République Argentine, Ressources Naturelles, etc., xi. 58†
- Bryant, H. G., visit to the grand Falls of Labrador, xiv. 49; photographs of the same, xiv. 352
- Bryant, W. C., Picturesque America, xiii. 239†
- Bryce, J. Annan, Burma: The Country and People, viii. 481\*; Lecture on Geography in its relation to History, viii. 193; remarks on exploration in the Caucasus, xi. 373; on Suanetia, x. 350; on Siam, x. 131; on the expedition from Assam to the Irawadi, ix. 40; on the ruby mines of Burma, x. 274; on the scope and methods of geography, ix. 170; on the Transcaspian railway, xi. 294
- Bryce, J., and Keith Johnston, The Library Cyclopædia of Geography, iii. 63†
- Bryce, Rev. Prof., Manitoba: its Infancy, Growth, etc., iv. 184†
- Bryden, H. A., Kloof and Karoo, Sport, etc., in Cape Colony, xii. 53†
- Bua river, Lake Nyasa, i. 302, xii. 744
- Buache, Philip, contoured map by, xiii. 625
- Bube tribe, Fernando Po, x. 46
- Buccaneer, s.s., current observations in the Gulf of Guinea, xiv. 626; the Voyage of, viii. 575\*
- Buccione, Porphyry hill of, v. 621
- Buedenuch, Duke of, obituary of, vi. 380
- Buchan, Dr. A., on meteorological observatories in the Atlantic Ocean, xiv. 624; on oceanic circulation, xiv. 628; The Meteorological Results of the Challenger Expedition in relation to Physical Geography, xiii. 137\*
- Buchanan, J. Y., appointment of, as lecturer in geography at Cambridge, xi. 374; lectures there, xiii. 690; reports of progress, xiii. 429, xiv. 400; on coral reefs, etc., viii. 769; on density of bottom water, xiv. 627; on evaporation of the ocean waters, viii. 769; on Similarities in Physical Geography of the Great Oceans, viii. 753\*; on temperature, etc., of waters of the Gulf of Guinea, xiv. 625; on the Composition of some Deep-sea Deposits from the Mediterranean, xiii. 734†; on the winding of rivers, xiv. 712; remarks on Geography at Cambridge, xiv. 491
- Buchanan, John, Journey along the Southern Frontier of Nyassaland, xiii. 265\*; the industrial geography of Nyassaland, xiv. 715; The Shire Highlands as Colony and Mission, viii. 276†
- Buchholz, R., Reisen in West Africa, ii. 70†
- Buchner, Dr., expedition in West Central Africa, i. 536, iii. 185, 370, iv. 114, 678, 680; *id.*, map of, Kiepert, iv. 187; Kamerun, Skizzen und Betrachtungen, ix. 714†; on the social condition of S. Paulo, i. 341
- Büchner, E., Zur Geschichte der Kaukasischen Ture, x. 176†

- Buchner, M. Reise durch den Stillen Ozean, i. 223 †
- Buchta, Richard., Der Sudan unter Agyptischer Herrschaft, x. 177 †; on the Sudan rebellion, vi. 481
- Buckle, H. D., journeys in the Lake Ngami region, xiii. 632
- Budd, Rev. H., on the prairie fires of North America, xiv. 84
- Buddhist Kingdoms, A Record of, transl. Legge, viii. 671 †
- Buddu district, Cent. Africa, xiv. 413, 882
- Budge, E. A. W., the Nile: Notes for Travellers in Egypt, xiii. 239 †
- Buena, E., Peregrinacion de los Aztecas, etc., ix. 781 †
- Buenaventura, Colombia, v. 261
- Buena Vista, latitude of, xii. 415
- Buena Vista mountain, Costa Rica, xiii. 301
- Buenos-Ayres, map of the province of, De Mot., iii. 120; annual statistics of †. Coni, vi. 426, viii. 408, ix. 208, Montier, xii. 640; General Census of †, xi. 317, xii. 247; Notes of a Residence in, Rumbold, ix. 520 †; statistical account of the city, xiv. 728 †
- Bufofani, L., plan of Rome, i. 611
- Buganda (Uganda), Ashe on, xi. 626. [See Uganda.]
- Bughti tribe, i. 57
- Bugran river, i. 195
- Buhutu tribe, New Guinea, xiv. 414
- Buhutu and Wari tribes, Sir W. Macgregor's visit to the, xiv. 414
- Bukharoff, D. N., Journey in Lapland in 1883, viii. 533 †
- Bukit Tiapuluh Tiga range, iv. 405
- Bula villages, Binuë river, ii. 294, 299, xii. 461
- Bulawayo. See Gubuluwayo.
- Buldur, latitude of, x. 162
- Bulgaria, Historical, etc., Studies, of, Kanitz, i. 282 †; maps of—Bianconi, x. 809, Danoff, ix. 812, Kanitz, i. 154, Steinhauser, vii. 834, frontier of, i. 540, Tzaribod-Sophia-Vakarel railway, x. 673; Past and Present, Samuelson, x. 251 †; survey of, ii. 769, 770; War in, Baker Pasha, i. 343 †
- Bulghar Dagh or Taurus Mts., vi. 308, 315
- Bulhar and Zeila, Journey between, Nurse, xiii. 657
- Bulhoes, E. Lobo de, Les Colonies Portugaises, i. 151 †
- Buli Dupi tribe, Borneo, iii. 593, v. 92, 94
- Bulkeley, O. T., The Lesser Antilles, xi. 752 †
- Bulladan, latitude of, x. 162, 163
- Buller, Sir E. M., obituary of, v. 388
- Buller, Sir W., List of Mr. Silver's Collection of New Zealand Birds, xi. 60 †
- Buludupie. See Buli Dupi.
- Bulungan, head-hunting in, Borneo, v. 95
- Bulwayo. See Gubuluwayo.
- Bum valley, Caucasus, xiii. 326
- Bumlan, Sierra Leone, xiv. 442
- Bumila creek, Little Andaman, x. 571
- Bunbury, Sir E. H., History of Ancient Geography, ii. 73 †; on the identification of the Pinarus with the Piyas, vi. 471; on Ptolemy's Nile lakes, xiii. 535; resolution of thanks to, from R. G. S., for his work on Geography, xi. 451
- Bunder Abbas, Persia, v. 124
- Bund-i-kir, S. W. Persia, xii. 520, xiii. 593
- Bunge, Dr., expedition to the New Siberian Islands, vii. 669, viii. 189, 393, ix. 51, 117, 577, x. 180
- Bungwi, Mount, E. Africa, xii. 147
- Bunji, India, v. 611
- Bunna, Wady, ix. 488
- Bun-nd, Persia, v. 714
- Bunsen, E. de, Origin of the Saracens, xi. 631 †
- Buntali district, Central Africa, xii. 728
- Buonanno, G., Globi di Mercatore nella Biblioteca Governativa di Cremona, xii. 438 †
- Buonfanti's journey across Africa, vii. 183
- Burat, A., Voyage sur les Côtes de France, ii. 250 †
- Burbidge, F. W., the Gardens of the Sun (Borneo, &c.), ii. 781 †
- Burdo, A., Belgian international expedition in Africa, under, ii. 123; Niger et Bénue, i. 811 †, (translation) ii. 782 †
- Burgess, Dr. J., on place names, xiv. 712
- Burke, D., visit to Mt. Roraima, vi. 672
- Burke district, N. Queensland, report on, Armit, iii. 424
- Burke, R. O'Hara, journey into Central Australia, xiii. 346
- Burkhan-Buddha mts., Tibet, vii. 169
- Burton, Lieut., journey with Wilcox to Upper Irawady, ix. 20
- Burma—
- Acquisition of, Narrative of, Brown, x. 251 †
- After the Conquest, Geary, viii. 600 †
- Ashè Pyee, The Superior Country, Laurie, iv. 246 †
- As it Was, Is, and Will Be, Scott, viii. 601 †
- Country and People of, Bryce, viii. 481 \*
- Explorations in, xiii. 389
- Forest scenery and vegetation, viii. 485
- Frontier affairs of, 1889-90, xiii. 303 †
- Maps of:—Intelligence department, ii. 77; Johnston, x. 482, xiv. 66; Murby (native characters), iv. 452
- Murder of G. H. Powell in, x. 591
- Railway connection with India and China, Bourne, x. 381; Hallett, x. 48 †; Necessity of, x. 737 †
- Report on administration of, 1888-89, xiii. 303 †
- Route from, to Arakan, Walker's, xiv. 411
- Ruby mines of, Streeter on, ix. 701; Gordon on, x. 261 \*
- Surveys in—xiv. 705; Hobday, ix. 308, 575, report, x. 452; Woodthorpe, ix. 308; on Manipur frontier, iv. 693
- Tribes of, viii. 480-429

**Burma, British—**

- And its people, Forbes, i. 76 †
- Gazetteer of, iii. 247 †
- Population of, xiii. 612
- Report on Administration of, 1882-83, xiii. 302 †

**Burma, Upper—**

- And Assam, exploration of route between, Needham, x. 377; direct communication between, xiv. 404
- Chindwin River, Explorations on, Woodthorp, xi. 167 \*
- Expeditions in:—Among Kachin Tribes, Walker, xiv. 161\*; French scientific, iv. 379
- Explorations in, summary of, xi. 411
- Fish-traps of, xi. 212
- Population of, xiii. 612
- Rainfall of, x. 272
- Reports on Administration of †, ix. 712, xiii. 303; on progress in settlement, 1887-89, xiii. 303 †
- Surveys in, xii. 385, 386; xiii. 173, xiv. 381; summary of, x. 421
- Suspension bridges in, xi. 203
- Burman Explorer Alaga's Journey to the Upper Irawadi, iv. 269 \*
- Burmeister, Prof. H., explorations in Patagonia, xii. 291; obituary of, xiv. 477
- Burnell, A. C., and Col. H. Yule, Glossary of Anglo-Indian Colloquial Words, viii. 404 †
- Burnes, Sir A., on the Kafir tribes, iii. 278 *note*
- Burns river, ix. 598
- Burnt mountain, Alaska, iv. 278
- Burrail range, Himalayas, v. 617, 619, 624
- Burrough, Stephen, arctic expedition of, ii. 4
- Burrows, M., Historic Towns, Cinque Ports, xi. 52 †
- Bursch, village of, Caucasus, xiii. 316
- Burton, Decimus, obituary of, iv. 102
- Burton, Lady, memorial in favour of a pension to, xiii. 107
- Burton, Lieut.-Gen. E. F., An Indian Olio, xi. 54 †
- Burton, Sir R. F., Camoens, His Life and His Lusiads, xiv. 731 †; death and obituary of, xii. 667, 756; Early, Private and Public Life of, Hitchman, x. 111 †; journey in Usambara with Speke, i. 81, 82; on the Somali country, vii. 641; the Ancobra and Prince's rivers, iv. 505, 507; on Mount Cameroons, i. 237; on the Kong mountains, iv. 484; the Gold Mines of Midian, i. 76 †; the Land of Midian, i. 477 †; to the Gold Coast for Gold, v. 111 †
- Burujird, S. W. Persia, xii. 525; road to Ispahan, *vid.*, v. 152
- Bushell, S. W., Ancient Roman Coins from Shansi, viii. 410 †
- Bushgali tribe, Kafiristan, iii. 299
- Bushire, difficulties of communication with the interior of Persia, v. 123, 152; English trade at, v. 123

- Bushman of South Africa, x. 523
- Busi river, ix. 622
- Busk, Capt. H., obituary of, iv. 815
- Busoga, East Africa, xiii. 204
- Bussorah, improvement in trade and climate of, x. 452; river service to Baghdad, v. 134
- Bussum Prah, survey map of, intelligence branch, War Office, iv. 254
- Bustar, The Mardian Hills and the Lower Indravati in, Holdich, i. 372 \*
- Bustard island, Athabasca lake, v. 642
- Busuanga island, Calamian Archipelago, vii. 191
- Butagu valley, W. Africa, xiv. 543
- Bute inlet, British Columbia, xiii. 69
- Butler, A. G., on the insects of the Somali country, vii. 641
- Butler, G. G., the Sea Route to Siberia, etc., xii. 244 †; pictorial aids to geographical teaching, ii. 649
- Butler, Rev. G., on the teaching of geography, i. 469; on the aims and methods of geographical education, viii. 117; obituary of, by Francis Galton, xii. 236
- Butler, Sir W. F., on the discovery of Mount Ruwenzori, xii. 170; the Campaign of the Cataracts, Nile Expedition of 1884-85, ix. 459 †
- Büttner, Dr., expeditions on the Congo, viii. 634, 635, ix. 338
- Button, Sir Thomas, voyage to Hudson's Bay, x. 552
- Buxton, Sir Fowell, remarks after papers on:—Lake Nya, etc., iii. 276; Jackson and Gedge's journey to Uganda, xiii. 207; journey from Blantyre to Quillimane, vii. 665; the East African expedition, i. 530, ii. 741; the Lower Congo, vi. 195; the outflow of Lake Tanganyika, ii. 256; the region east of Lake Nya, vi. 535; the Rovuma district, ii. 351; the Usambara country, E. Africa, i. 94; temperate South Africa, iii. 19
- Buyskes, P. J., on the East Bygd, v. 408
- Buyuk Hudhu pass, viii. 97
- Buyuk Hudhunung Yazishi plain, viii. 97
- Bwibwi valley at Nbadua, E. Africa, iv. 205
- Bworana country, supposed itinerary through, vi. 272
- Bworana Galla, E. Africa, vi. 262, 267, 269
- Bygd East, the colony of, in Greenland, v. 294; Major on the, and chart sent by Mr. Buyskes, v. 408
- Bylandt, Count, on the arctic campaign of 1879 in the Barents Sea, ii. 35
- Byning bay, New Britain, iii. 94
- Byrne, A. J., Mapa de la República de Honduras, viii. 676
- Byturnee river, S. India, viii. 685, 688

C

- Cabeça de Cobra, settlement and natives of, West Africa, v. 693-695



- Cabinda, Molemba, and Massabi, map of territories of, ix. 211. [See Kalinda.]
- Cabo Blanco, position of, xiv. 126
- Cabot, J. & S., *Leur Origine et leurs Voyages*, Harris, iv. 773 †
- Cabot, John, discoveries of, xiv. 601; Landfall in 1479, and the Site of Norumbega, Horsford, viii. 346 †
- Cabot, Sebastian, portrait of, offered to Geographical Society of Paris by M. Codine, v. 494
- Cabot Strait, Newfoundland, viii. 101
- Cabrol, E., *Voyage en Grèce*, 1889, xii. 432 †
- Caca river, Bolivia, v. 337
- Cacas, Peru, xiv. 388
- Cáceres town, Colombia, v. 253
- Cachapaul, Valley of the, explorations in, Plagemann, ix. 248
- Cachendo, Peru, altitude of, xii. 229
- Cachipascana, Lake, Peru, altitude of, xii. 229
- Cacongo river, v. 229
- Cadamosto and early exploration in Africa, Oldham on, xiv. 718
- Cadenhead, Mr., journey in East Africa, and death, ii. 626, 762
- Cádiz, Columbus celebrations in, xiv. 701
- Caffraria. See Kaffraria.
- Cahabon river, Guatemala, v. 189
- Caillaud, M. R. du, on the administrative divisions of Tongking, v. 361; on a universal meridian, v. 560; on the Chinese province of Long-tcheu, vii. 400; on the fortress of Tam Giang (Tongking) and the Christians in Annam, viii. 127; on the geography of Edrisi, v. 298; on the mineral wealth of Madagascar, v. 558; on the rights of France in the Red Sea, vi. 160, 232; on the rights of Portugal on the Lower Congo, vi. 48; on the Saint Joseph river, x. 389; on the Sino-Annamite frontier, v. 173; on Tonking, vi. 45, 48, 295, 299
- Caillaud and Letorzee, position of Khar-tum, 1821, xi. 643
- Cailleaux, T., *Pays Atlantiques décrits par Homère*, ii. 202 †
- Cailliet, René, Journey to Timbuktú, iii. 316; Journal of, xiii. 742 †
- Caine, W. S., *Picturesque India*, xiii. 53 †
- Cairo—  
Geographical Society of, proceedings of, ii. 389, 457, 520, 779; iii. 57, 114, 245; iv. 112, 179; v. 178, 299, 365, 366; vi. 97, 98  
Map of environs of, Vaujany, v. 117  
Meteorological observations at, iv. 431  
Old Cairo, Langegg, and Adalb, vii. 346 †
- Caithness, Bartholomew's reduced Ordnance map of, i. 480
- Caix de Saint Aymour, Vte. de, The Country of the Selavs in Austro-Hungary, v. 676 †
- Cajon de los Cipreses valley, S. America, glacier in, vi. 660
- Calama, Bolivia, xiv. 709
- Calcutta, new survey of, ix. 117; survey work at the offices in, iv. 345
- Caldecott, A., *English Colonization and Empire*, xiv. 577 †
- Caledonia, New, List of Books, etc., bearing on, Vallée, v. 746 †
- California—  
A Flower from the Golden Land (Los Angeles), i. 406 †  
Channel islands of, wind action in, Yates, xiv. 326  
Drake's Anchorage on Coast of, identified, Davidson, xii. 505 †  
Maps of:—Bancroft, xii. 189; Drayton-Gibbes, i. 750; sectional, x. 186  
Mineralogist, State, Annual Report of, x. 478, xi. 514  
New Lake in the Colorado Desert, Redway, xiv. 309 \*  
Ocean Currents off Coast of, Richter, x. 51 †  
Southern, Lindley and Widney, x. 397 †; Climatic, etc., Conditions of, Remondino, xiv. 573 †
- California, Lower—  
Discovery of Gold in, Denys on, xi. 562  
Survey of, Methods and Results, xiv. 874 †
- California, Gulf of, Projected lengthening of, i. 720
- Calina point, West Africa, v. 575
- Calinis, Crevaux's Indian guide, v. 486
- Calmeier island, Malay Archipelago, vi. 149, 162
- Calycendos river, Ciella Tracheia, xii. 453; ruins on the, xiv. 57
- Camacuam river, S. Brazil, voyage up, Jhering, ix. 686
- Camanti, Golden Hill of, Bolivia, v. 314, 322
- Camara, A. A., *Construções navaes indígenas do Brasil*, xii. 248 †
- Camarones, Rio, S. America, iii. 717
- Cambier, M., expedition of, in Africa, i. 2, 538, 589, ii. 60, 248. See Africa, and Belgian
- Cambira district, New Britain, iii. 93
- Cambodia—  
Journeys in, Aymonier, v. 471; Bonlangier, iii. 665; Delaporte, ii. 199 †; Pavie (map of itineraries), vii. 350  
Kingdom of, Moura, iv. 575 †  
Map of, Bianconi, xi. 62  
Scientific mission to, Maurel, viii. 533
- Cambon, V., Round about the Balkans, xiii. 52 †
- Cambridge University, geography at—  
memorial on professorship, i. 261; lectures at, Strachey \*, x. 146, 205, 220, 275; proposals and measures for establishment of Readership, viii. 708, ix. 188, 333, 334, 698; appointment of Dr. Guille-mard as lecturer, x. 447; of Mr. Buchanan, xi. 374, 453; progress in, xiii. 429, 690, xiv. 400, 491
- Cambridge Gulf, Western Australia, viii. 646



- Cameron, Commander, Across Africa, vii. 486 †; on the proposed African overland telegraph, i. 268; Our Future Highway, ii. 199 †; remarks on coasts of Norway and Lapland, ii. 288; on Holub's journey in South Africa, ii. 180; on Johnston's and Thomson's expedition, i. 532, ii. 264; on Lake Tanganyika, iv. 26; on the basin of the Upper Zambesi, i. 684; on the Chinde river and Zambesi delta, xii. 145; on the Lower Congo, vi. 195; on the Lukuga outlet of Tanganyika, ii. 258; on Thomson's journey through the Masai country, vi. 710; surveys on the Gold Coast, iv. 501; the Euphrates valley railway, i. 685
- Cameron, General Sir D. A., obituary of, ix. 422
- Cameron, Mr., journey up the Saint Joseph river, x. 389
- Cameron, Mr., survey work in Madagascar, iv. 522
- Cameron, W., map and explorations of the Malay Peninsula, vii. 383, 384
- Cameroons District—**  
 British and German spheres of influence in, xii. 659  
 Explorations in, viii. 277 †; Comber, i. 225 †; German, x. 648; Kund and Tappenbeck, x. 447, xi. 563, 564; Morgen, xii. 288, 464, xiii. 228, 563, (map), xiv. 201; Rogozinski, map, Hassenstein, vi. 360; Zintgraff, xii. 99, 358  
 Journey in, Schwartz, ix. 320 †; in Northern, Valdau, viii. 405 †  
 Map of, vi. 175; note on Danckelmann's, x. 799; of southern, vii. 775  
 Paper on, Grenfell, iv. 585 †  
 Progress of German territory in 1891, report on, xiv. 323  
 Sketches, etc., in, Max Buchner, ix. 714 †
- Cameroons Mountain—**  
 Ascent of, Rogozinski and Zeller, vii. 183  
 Crater lake discovered on, Valdau, xiii. 557  
 Eruptions of, i. 238, 239  
 Explorations on, Rogozinski, viii. 48; Valdau and Knutson, viii. 454, x. 380  
 Healthiness of, i. 239, 240
- Cameroons river, vi. 620, 621; H. H. Johnston's journey up, viii. 647**
- Camotisia maxima*, notable flower of the Congo, v. 287, 705
- Campos Indians, Peru, xiv. 386
- Campbell, C. W., journey through North Korea, xiv. 141 †; award of the Culbert Peek Grant to, xiv. 316
- Campbell, D. A., A Journey Overland to India, xiii. 308 †
- Campbell, Dr. J., Siberian Inscriptions, xiv. 571 †
- Campbell, F. A., A Year in the New Hebrides, xi. 519 †
- Campbell, Major, Afghanistan; the Shorwak valley and Toba plateau, i. 728, ii. 620
- Campbell, Rev. W., The Gospel of St. Matthew in Formosan, xi. 54 †
- Campbell, Sir G., on the Herat valley and Persian border, viii. 155; the British Empire, ix. 323 †; obituary of, xiv. 188
- Camperio, M., Carte del Sudan Orientale (new maps), vii. 494
- Campiglio, Capt. P., Carta delle Circa-scrizioni Militari del Regno d'Italia, vi. 107
- Campion, J. S., On Foot in Spain, i. 282 †
- Canada—**  
 Annual Register and Review for 1884, edit. Morgan, viii. 131 †  
 Atlas, pocket, of, Bartholomew, xii. 311  
 Barren grounds of Northern, Pike, xiv. 661 †  
 Economics of, at British Association, Montreal, viii. 602 †  
 England and Sandford Fleming, vi. 544 †  
 En route pour la Mer Glaciale, Petit, x. 179 †  
 Exhibits at Colonial Exhibition, viii. 538 †; at Venice Geographical Congress, iii. 751  
 French emigration to, xi. 556  
 Geography of (with Newfoundland), Greswell, xiii. 305 †; progress of, in, vii. 244, viii. 423  
 Geological and Natural History Survey of, Annual Reports, Selwyn †, ii. 141, iii. 190, iv. 515, ix. 208, x. 741, xiv. 197; contributions to Palaeontology of, vol. i., Whiteaves, viii. 406 †; survey map, ii. 205  
 Guide-book to, Roberts, xiv. 574 †; with information for settlers, viii. 538 †  
 Handbook to, Silver, iii. 248 †; statistical and descriptive, edit. Biggar, xi. 752 †  
 History of, Greswell, xii. 771 †; Kingsford x. 542 †  
 Magnetic Survey in, Lefroy, vi. 104 †  
 Maps of, ix. 738; Burland Lithogr. Co., vii. 136; Outline, iv. 254; Walker, i. 160  
 Maritime provinces of, xiv. 874 †; Mackinlay's map of, ix. 65  
 Surveyor-General of Dominion Lands, Report for 1880, iii. 379 †  
 Surveys, Admiralty, in, xiv. 379; Government, ii. 576  
 To, with Emigrants, Ritchie, viii. 132 †  
 Tour in the States and, Greenwood, vi. 103 †  
 Unexplored Regions of, Dawson, xii. 555
- Canada, North-West Territory of—**  
 Advantages for Emigration, etc., Tanner, viii. 538 †  
 Athabasca District of, Petitot on, v. 633 †  
 Commercial importance of, iii. 582, 583  
 Indian Traditions of, Petitot, x. 743 †  
 Maps of, ii. 205, v. 439, vii. 558  
 Resources of Mackenzie Basin, Report of Committee on, x. 741 †  
 Route to the prairie lands of, proposed, via Hudson's Bay, Rae, viii. 728  
 Topography, etc., of, Macoun, viii. 727

- Canadian Pacific Railway, xi. 153, 169;  
by A. Begg, viii. 727 †; map of the sys-  
tem of the, viii. 542; Report on, S.  
Fleming †, i. 78, 478, ii. 459
- Canadian voyageurs on the Nile, vii. 125,  
126
- Cañar, S. America, xiv. 127
- Canard portage, Athabasca district, v. 643
- Canary islands, vi. 616, 617; As a Winter  
Resort, Whitford, xiii. 184 †; economical  
conditions, J. Brown, xiv. 802; explora-  
tions in, Verneau, x. 247; Five Years'  
Sojourn in, Verneau, xiii. 739 †; Guide  
to, Ellerbeck, xiv. 879 †; map of the  
valley of Orotava, Rothplatz, xi. 704;  
meteorological observations in, xiv. 623;  
Rides and Studies in, Edwards, xi.  
120 †; Simony on, xii. 357; The English  
in, Latimer, xi. 254 †; Voyage to,  
Leclercq, ii. 782 †
- Candahar, Afghan tribes about, ii. 188;  
approach to, ii. 543, 544; country between  
Girishk and, Beavan on, i. 727, ii.  
548 †; geographical features of, iii. 76;  
map of country round, ii. 77; new routes  
to, Holdich, i. 729; opening of a new  
route to, i. 274; Routes between India  
and, Biddulph, ii. 212 †; map of, ii.  
717; surveys round, Rogers, i. 730;  
the Highway from the Indus to, Temple,  
ii. 529 \*
- Candelaria reefs, Solomon Islands, x. 352  
note, xii. 402, 415
- Candolle, Prof. A. de, on the laws of dis-  
tribution, iii. 607
- Cani rocks, chart of, v. 752
- Canis magellanicus*, ix. 386
- Cannes, new plan of, Michel et Arluc, xii.  
187
- Canoe river, North America, v. 645
- Cañon, Grand, Tertiary History of the  
District of, Dutton, vi. 171 †
- Canonge, Lieut.-Col. F., *Atlas d'histoire  
militaire contemporaine*, viii. 351
- Cantabria, The Highlands of, Ross and  
Stonehewer-Cooper, viii. 341 †
- Cantino map, Cortereal and the New  
Coast-lines on, Markham, xiv. 604
- Cantley, N., Report on the Straits Settle-  
ments Forest Department for 1886, ix.  
648 †
- Canton, Fourteen Months in, Mrs. Gray,  
ii. 139 †; From Hai-phong to, Agassiz,  
xiii. 249 †; Journey from, to Kwei-  
yang-fu, Mesny, ii. 651; to Rangcon,  
Colquhoun, iv. 548, 713, Yule on, iv.  
558; map of province of, Lörcher, i. 413
- Canton river, iv. 715, 725, xiii. 257
- Cao-bank village, viii. 239
- Cao (Cam), Diogo, Discovery of the Congo,  
and memorial stone set up by, ix. 439,  
579; visit to the latter, Dennett, ix. 689
- Capangombe, South-West Africa, v. 461
- Cape Colony—  
Area and population of, iii. 3 and note,  
vi. 626, 627  
Blue Book for †, ix. 206, x. 107

## Cape Colony—continued—

- Census of, xiii. 487, xiv. 634, 870 †
- Civil Service List, 1887, Kilpin, ix. 260 †
- Exhibits at Colonial Exhibition, viii.  
538 †
- Handbook (official) of its History, etc.,  
Noble, viii. 538 †
- Map of police districts, 1887, x. 482
- Statistical Register of the Colony, 1886,  
ix. 519 †
- Cape Delgado Bay, journey in the district  
west of, by H. E. O'Neill, v. 393 \*
- Cape Verd Islands, meteorological obser-  
vations on, xiv. 623; population and  
produce of, Picquié, iv. 231; to Sene-  
gambia, *vid* the, Doelter, v. 744 †
- Capello and Ivons, M.M., expedition in  
Africa, i. 130, 330, ii. 41; results of, ii.  
647; map of surveys, ii. 718; *Expedição  
Scientífica ao Interior de Africa*, ii. 140 †;  
*De Benguella ás Terras de Yáca*, iv.  
246 †; *id.*, translation, iv. 701 †; new  
expedition, vii. 456, 818; reception by  
Paris Geographical Society, viii. 59, and  
award of medal, viii. 237, 471; *De  
Angola à Contra-Costa*, ix. 317 †
- Capper, R., A Trader in W. Africa, viii. 738
- Capper, S. J., the Shores and Cities of  
the Boden See, iii. 58 †
- Capra Caucasica*, Phillips-Wolley on, vii.  
601
- Capra, the Island of, and the Hero of  
the Two Worlds, Florio-Sartori, xi. 114 †
- Capus, M., expeditions in Central Asia,  
iii. 737, iv. 103, 169, viii. 721, 796, ix.  
245, 307, 457, 509; reception in Paris,  
x. 171; map of route across the Pamir,  
xi. 604; account of travels, xii. 501; on  
depth of snow in the valleys of the  
Pamir, etc., xii. 635; on the cold of the  
Pamirs, xiv. 35; A Travers le Royaume  
de Tamerlan, xiv. 868 †
- Caqueta river, South America, v. 353
- Caraccitolo*, Voyage of the, x. 52 †
- Carajahi tribe, Brazil, xii. 44
- Caramánu river, S. America, xi. 499
- Caravaya, Bolivia, v. 314, 315, 322
- Cardew, Col., report on the forests of  
Zululand, xiii. 432
- Cardozo, Lieut., expedition to Umzeila's  
country, v. 33, 405; progress of expe-  
dition into Central Africa, viii. 329, 670,  
722. See Pinto.
- Careri, M., *Relazione del Progetto di  
Spedizione ad Assab*, ii. 655 †
- Carey, A. D., expedition in Turkistan  
and Tibet, ix. 175, 232, 342, 377, x. 413;  
*Account of Journey*, ix. 731 †; Founder's  
medal awarded to, xi. 310
- Carey, A. E., receives medal on behalf of  
Mr. A. D. Carey, xi. 450
- Carey, Dr., Life of, Smith, vii. 831 †
- Carey Island, Arctic Ocean, records and  
cairns on, iv. 173
- Cargese, Corsica, xii. 633
- Caria, journey in, Benndorf and Niemann,  
vii. 195 †

- Carib Indians, ii. 468; of Guiana, xiv. 676, 682  
 Caribbean Sea, depth of, ii. 687; map showing, iii. 640  
 Caribon-eaters, tribe of, v. 651  
 Caribon lake, Athabasca district, v. 645; mountains, rock salt in, v. 637  
 Caricata river, Bolivia, v. 341  
 Carihuairazo mt., Ecuador, iii. 454  
 Carimang river, British Guiana, vi. 455, 456  
 Carinbanha, altitude of, viii. 355; Temperature at, viii. 363  
 Caripuna Indians, Bolivia, v. 319  
*Carissa Schimperii*, arrow poison from, vii. 639  
 Carles, W. R., Journey in Corea, vi. 287, vii. 460, 608, viii. 289\*; Life in Corea, x. 318†; on North Korea, xiv. 159  
 Carlson, Capt., Arctic voyage of, ii. 14  
 Carlyle, Rev. J. E., African Colonies and Colonization, vii. 346†; South Africa and its Mission Fields, i. 14, ix. 61†  
 Carnatic, plains of the, S. India, vii. 733  
 Carnegie, Hon. John, obituary of, vi. 380  
 Caroline islands, viii. 557; map of, Freytag, vii. 776, 837; maps illustrating dispute between France and Spain, vii. 700; visit to, Maxwell, iv. 92  
 Caron, Lieut., voyage on Upper Niger to Timbuktu, x. 165, 247; reception by Paris Geographical Society, x. 390  
 Carpas range, Cyprus, xi. 705  
 Carpathians, Orohydrographical map of, viii. 751; (central), Hypsometrical map of, Austrian Government, iv. 327  
 Carpathian Society, Hungarian Year Book of, xi. 390†  
 Carpentaria, Gulf of, exploration of, Pennefather, iii. 102, 228; map of Parker and Bayley Points, *id.*, iii. 444; rivers of the, iii. 424  
 Carpenter, Commander, Surveys by, v. 598; of Hainan Island, iv. 553; Account of Bird's Nest or Elephant Islands, x. 303; on Indian marine surveys, 1888-89, xi. 681  
 Carpinteria river, Uruguay, ii. 678, 679  
 Carpmael, C., on depth of frozen soil at Prince Albert, viii. 744  
 Carr, Dr. Ward, illness and death of, v. 274  
 Carr-Boyd, D. S., exploration in Central Australia, ii. 378; in Western Australia v. 157, 373  
 Carranza, Dr., Meteorologia y Climatologia del Peru, xiv. 504†  
 Carraro, Prof. G., Memoriale del Geografo, vii. 57  
 Carrasco, G., Provincia de Santa-Fé, Datos Estadísticos de la, vii. 410†; *id.*, Description geográfica y estadística de la†, vi. 543, viii. 410  
 Carren-Leufu river, Patagonia, xii. 291  
 Carribbees, Camps in the, Ober, ix. 134†; Voyage to, Paton, x. 178†
- Carrick, R., New Zealand's Lone Lands, xiv. 574†  
 Carroll, Dr. A., on the Easter Island inscriptions, xiv. 862  
 Carruthers, J., report on exploration in South Australia, xiv. 181  
 Carson, A., The Rise and Fall of Tanganyika, xiv. 870†  
 Carstensen, A. R., Two Summers in Greenland, xii. 438†  
 Carter, Capt., journey in East Africa, and death of, ii. 626, 761  
 Carter, G. T., on the climate of the Gambia and Sierra Leone, ix. 240; journey in Benin, xiv. 457; on a new mountain range in Benin, xiv. 321  
 Carteret, Capt., visit to the New Britain islands, ix. 16  
 Carthage, map of environs of, Perrier, v. 438  
 Carthaginians in the Mediterranean, xii. 627  
 Carthaus, Dr., Aus dem Reich von Insulinde, xiv. 131†  
 Cartography, Facsimile atlas to the early history of, Nordenskiöld, xii. 126; (and geography), Annual Supplement to, Schrader, xiv. 736†  
 Caruso, C. D., Cartes Topographiques de l'Etat-Major Général d'Autriche-Hongrie, x. 105†; on Ordnance Surveys, viii. 802†  
 Carvalho, H. A. D., Expedition to the Muata Yanvo, v. 264; Expedição Portuguesa ao Muatianvua, xi. 315†; O Lubuco, xii. 247†; on the history of Lunda, ix. 382; the influence of Latin Civilization, etc., in Africa, xi. 570†  
 Carver, Rev. Dr., on the Place of Geography in Education, viii. 717  
 Casalis, E., My Life in Basutoland, xi. 749†  
 Casartelli, Rev. L. C., Lectures on Commercial Geography, vii. 696†  
 Casati, Capt., Italian expeditions for the relief of, ix. 305; Ten years in Equatoria, xiii. 372†  
 Cascade Mts., Oregon, i. 696; ascent of a peak in, Röhl, xi. 609  
 Casengo, W. Africa, railway to, xiv. 863  
 Caspari, M., report on Cheik-Said and Obock, vii. 552; topographical map of Tong-king, v. 236, 560  
 Caspian Sea—  
 Changes in level of the, i. 165, 189, 190, v. 171, vi. 592; Philippon, xiii. 130  
 Coast of, Bruce and Blaromberg's distances on the, i. 162  
 Connection of, with the sea of Aral, proposed, iii. 224; with the Black Sea, Daniloff's scheme for, i. 715  
 Diversion of the Oxus to, possibility of, ii. 187  
 New route to the Aral Sea from, Vanuslim, i. 332  
 New Russo-Persian frontier, east of, iv. 213

**Caspian Sea—continued—**

- Persian ports of the, v. 122  
 South Western District, Flora and Fauna of, Radde, viii. 535 †  
 Cassell and Co., Map Building Series, xiii. 214; Picturesque Series, xiv. 878 †; Popular Atlas, Weller, xiii. 247, 380, 448, 512, 576, 644, 699, 748, xiv. 68, 140, 203, 351, 492, 512, 583, 664, 736, 816, 884  
 Cassiquari river, South America, x. 98  
 Cassius and Amanus, the Chains of, Post, viii. 94 \*  
 Castagnoso, M. de, Spedizione Portoghese in Abissinia nel secolo xiv., xi. 53 †  
 Castani, lake, Alaska, xi. 427, 428  
 Castilho, Capt. A., on the harbour of Nakala, vii. 375, 431  
 Castilho, E. D. del, on the flora of the islands of Polynesia, xii. 297  
 Castillo, Lieut. A. del, Antropologia Mexicana, viii. 411 †; Exploracion al interior de la Patagonia, etc., ix. 717 †; journey in Patagonia, ix. 512, x. 651  
 Castillo, R. de, Gran Diccionario geográfico, xiv. 134 †  
 Castonnet-Desfosses, M., on Russian colonization in Siberia, vi. 478  
 Cat, E., Notice sur la Carte de l'Ogooué, xii. 436 †  
 Catalan map, Italy according to the, xiii. 621, 622  
*Catostomus reticulatus*, or Canadian trout, v. 645  
 Catat, Dr., explorations in Madagascar, xii. 298, 636, xiii. 106, 367, 394, xiv. 739  
 Cathcart, Major Andrew, obituary of, iv. 101  
 Cattaro, Italy, xii. 632  
 Cattley, O. J., on the trade route to the Obi and Yenisei via the Kara Sea, ii. 639  
*Cattleya Lawrenceana*, vii. 497, 521  
 Cauca river, v. 249, 250, 253, 254  
**Caucasus, The** [see also Trans-Caucasia]—  
 Absence of lakes in, x. 698  
 Adai Choch group, map of, xi. 637  
 Anthropological researches in, Chantre, x. 311 †  
 Ascents, early, in, xii. 258  
 Central, Sella, xii. 433 †; geology of, Bonney on, xi. 366; group of the, xiv. 100, 101; notes on maps of, Freshfield, x. 348, xi. 373; Six Weeks' Travel in, *id.*, ix. 777 †; Through the, with the Camera, Sella, xiii. 737 †  
 Climate of, xi. 365; Problems of, Statkowski, i. 687 †  
 Collection (Russian) of Notices on Places and People in, xiii. 734 †  
 Eastern, Trip through, Abercromby, xii. 118 †  
 Ethnology of, x. 702, 704 note; Uslar on †, x. 176, 736, xi. 392, xiii. 735; map of, Seidlitz, ii. 717  
 Explorations in:—Cookin, xi. 370; Dent, xi. 671 \*; Dent and Donkin, viii. 644;

**Caucasus, The—continued—**

- Donkin and Fox, xi. 367 \*; Freshfield and Déchy, ix. 617, 767; Freshfield and Powell, xi. 671 \*; Freshfield on, x. 326, xi. 369; Holder, xi. 359; Merzbacher and Purtscheller, xiii. 723; Russian, xiv. 409, Freshfield on, vii. 597 \*; Sella, xi. 672; summaries of, xi. 410, xii. 380, xiii. 389, xiv. 369; Woolley, xi. 671 \*  
 Flora of, x. 695, 697  
 Forests and railways of, Lyall on, i. 796  
 From the, to the Alai Mountains, Leclercq, xii. 502 †  
 From the, to the Persian Gulf, Müller-Simonis and Hyvernatt, xiv. 724 †  
 Geological Researches in, Favre, x. 315 †  
 Glaciers of, x. 780 *et seq.*; movements of, Déchy on, xiv. 456  
 Greek and Roman Authors, Notices of, Gan, xiii. 735 †  
 Journey to the, and in Trans-Caspia, Cotteau, x. 395 †  
 Law and Custom in, Kovalefsky, xiii. 734 †  
 Loss of Messrs. Donkin and Fox in, xi. 38; locality of accident, xi. 559  
 Nomenclature of the peaks of, x. 348, 349  
 Notes on, v. 742 †  
 Ornithological Fauna of, Radde, x. 105 †  
 Peaks, Passes, and Glaciers of, Freshfield, x. 677 \*  
 Photographs of, Sella, xii. 96; Woolley, xi. 324, xii. 312  
 Roads over, v. 171  
 Russian Geographical Society, Caucasus branch, proceedings of †, viii. 403, x. 803, xii. 185  
 Scientific Mission to, Morgan, xii. 438 †  
 Search and Travel in, Freshfield, xii. 257 \*  
 Sport in, Phillips-Wolley, iv. 119 †  
 Survey of, heights of peaks, xii. 284  
 The Caucasus and its People, Erckert, ix. 518 †  
 Tourist in, Koechlin-Schwartz, iii. 114 †  
 Travels and Studies in, Hahn, xiv. 569 †  
 Two Expeditions in, Fischer, xiii. 735 †  
 Vocabulary, Russo-Kabardian, Lopatin-sky, xiii. 735 †; of Five West Caucasian Languages, Peacock, ix. 205 †  
 Western, rainfall in, x. 639  
 Cauldron of Hell Falls, Madeira river, v. 344  
 Caupolican river, Bolivia, v. 314  
 Causee Noir et Montpellier-le-Vieux, Martel, viii. 411 †  
 Causses, the cañons of the, xi. 178  
 Cantin province, Chili, ix. 443  
 Cauvery river, S. India, vii. 724, 734, viii. 695  
 Cave, Right Hon. Sir C., obituary of, iii. 398  
 Cavinás, Bolivia, indiarubber camps at, v. 324  
 Cawston, G., map of the Matabili, Mashona, and Bamangwato countries, x. 812; British Central Africa, xii. 742

- Caxoeira de Baguary Fall, Rio Doce, x. 78  
 Cayambe mt., Ecuador, iii. 455, iv. 128  
 Cayapó, Serra do, Brazil, viii. 354  
 Cayley, Prof., on the colouring of maps, i. 259  
 Cayman Brac, island, Caribbean sea, visit to, Sobey, viii. 787  
 Cayo, British Honduras, ix. 422  
 Cazdet, Edward, obituary of, v. 388  
 Cazvin, road for wheeled vehicles from, to Tehran, v. 121. *See* Qazwin.  
 Ceballos, Señor. *See* Zeballos.  
 Cecchi, Capt., expedition in Central Africa, ii. 318, 764, vi. 258  
 Cecil, E., Journeys Round the World, xi. 396†  
 Cegiha Language, Dorsey, xiv. 572†  
 Ceja glacier and pass, Caucasus, xi. 671, 674, xiv. 103  
 Celebes, Bay of Tomini or Gorontalo in, map of, Musschenbroek, i. 816; Physical Formation of, *id.*, i. 810†; Central, The Topantunuasus of, Riedel, viii. 344†; North, A Naturalist in, Hickson, xii. 181†  
 Celestial photography as a handmaid to geography, Schlichter, xiv. 714  
 Cenis, Mont, route across the Alps, v. 554  
 Cenis, Petit Mont, height of, viii. 644  
*Cephalophus mergens* (antelope), South-West Africa, v. 464  
 Ceram-Laut islands, Malay Archipelago, v. 47  
 Cerri, Carlo, carta d'Italia, vi. 486, ix. 463; carta stradale e postale dell'Italia, iv. 391  
 Cerro de Pasco, Peru, xiv. 388  
 Cerro Munchiane, views from, v. 263  
 Cerro Torrá ridge, Colombia, v. 255, 256  
 Cesar, Rio, U.S. Colombia, iii. 708-711, 721  
 Cevallos, P. F., Compendium of the History of Ecuador, xiii. 243†  
 Cévennes, Researches in, Martel, viii. 411†  
 Ceylon—  
   About Ceylon and Borneo, Clutterbuck, xiii. 738†  
   Flora of, Trimen on, vii. 243  
   Geographical conditions of, Sarasin, ix. 391  
   Handbook for travellers in, Murray, xiv. 60  
   In the Jubilee Year, Ferguson, x. 176†  
   Maps of, v. 184; topographical, xiv. 880  
   Notes on, A Belgian Physician's, 1687-89, xii. 637†  
   Rainfall of, i. 794  
   Survey work in, x. 418; hydrographical, xi. 106  
   Two happy years in, Gordon Cumming, xiv. 340†  
   Veddahs of, Sarasin, xiii. 232†  
   Visit to, Haeckel, transl. C. Bell†, v. 49, 302.  
 Ch, for names beginning thus *see also* Tch  
 Chaambra tribo, Algeria, iv. 362  
 Chabaud, M., La Réunion et Madagascar, xiv. 871†  
 Chacha fortress and stream, Turkistan, iv. 495  
 Chachar pass and river, i. 56, ii. 240  
 Chaco Boreal and Austral, xi. 131, xii. 672. *See also* Gran Chaco.  
 Chacujal pueblo, Central America, viii. 589, 590  
 Chacujal, town of, Guatemala, v. 188  
 Chacunda tribe, xii. 349  
 Chad, Lake, ix. 304; expedition to, xiii. 227, 484; French, xiv. 412; Monteil, xiii. 369; rivers of, ix. 298, 299; system of, ii. 290, 291  
 Chadda. *See* Benue.  
 Chaddock, G. A., visit to the Limpopo river, vi. 241; Voyage of Exploration in the s. s. *Maud* on the East Coast of Africa, xii. 770†  
 Chaffanjon, M., exploration of the vicinity of Maracaibo lagoon, xi. 455; journey to the head-waters of the Orinoco, vii. 397, 820, viii. 51, ix. 204, 255, 456, x. 96, 100; L'Orénoque et le Caura, xii. 572†  
 Chagga, E. Africa, vii. 140, xii. 176; platform of, v. 546, 547  
 Chagos group, Island of Diego Garcia, Bourne, viii. 385\*  
 Chagres river, Central America, x. 665  
 Chaguwari Kwa Majuni, Nguru country, v. 519, 528  
 Chahar Aimak tribe, viii. 148  
 Chahárdángelh, Fars, xiii. 290  
 Chahar-mahal district, Persia, v. 133, 145  
 Chahar-shambeh, viii. 268  
 Chahgazak, Afghanistan, vii. 163  
 Cháh-i-Kuh Heriz, xii. 587  
 Chaia, Lake, Central Africa, i. 273  
 Chai-chéng, Formosa, vii. 11  
 Chaidam. *See* Tsaidam.  
 Chailley, J., Paul Bert au Tonkin, xii. 366†; La Colonisation d'Indo-Chine, xiv. 868†  
 Chaix hills, Alaska, ix. 273, xi. 431  
 Chaix, P., on Swiss Triangulation, vii. 257†  
 Chaix, Prof. E., An Excursion to Mount Etna, xiii. 188†; Carta Vulcanologica dell'Etna, xiv. 136; La Vallée del Bove et la Végétation . . . Supérieure de l'Etna, xiv. 130†; photographs of Mount Etna, xiii. 136  
 Chakanipan, latitude and height of, iii. 178  
 Chaklik village, Tibet, ix. 739  
 Chak Mak Kul, xiv. 17  
 Chakmanni tribe, Afghanistan, i. 643  
 Chala, Lake Kilimanjaro, vi. 673, vii. 158, ix. 47; visit to, Anstruther, xiii. 608, Mrs. French-Sheldon, xiii. 431  
 Chalas river, Persia, v. 60, 61  
 Chalchilian pass, North Persia, v. 78  
 Chalganak, vii. 238  
 Chalim-dara mountains, viii. 44  
 Chal-i-moreh valley, South Persia, v. 160  
 Chalitmiut, Alaska, iv. 668  
 Chalkar, Lake, xiv. 819

- Challenger*, H. M. S., deep sea soundings of, viii. 333, 334; Experiences Afloat and Ashore during the Voyage of, Wild, i. 152†; Meteorological Results of the Expedition in Relation to Physical Geography, Buchan on, xiii. 137\*; Notes by a Naturalist on, Moseley, i. 348†; Scientific Results of the Voyage of,† vi. 485, 610, vii. 263, 557, 833, viii. 477, ix. 324, 720, x. 543, 744, xi. 60, 124, 397, 754, xii. 122, xiv. 267
- Chalmers, Rev. Jas., explorations in New Guinea, i. 67, 362, ii. 315, vi. 156, 216, 372; (Kabati district), iii. 226; (South-Eastern), ix. 71\*; Pioneering in New Guinea, ix. 394†; Work and Adventure in New Guinea, viii. 408†
- Chaltin, Lieut., exploration of the Lulu river, xiv. 636
- Chamacoco tribe, Bolivia, iii. 410
- Chamærops humilis*, xii. 621
- Chaman-i-bed, Afghanistan, vii. 280, 562
- Chaman-i-Manga, Northern Persia, v. 73
- Chamberlain, B. H., The Language, etc. of Japan, with an Ainu Grammar, Batchelor, ix. 316†
- Chambezi river, Central Africa, v. 659, 690, xii. 733, xiv. 46
- Champa, S.E. Asia, iv. 656, 657
- Champain, Col. J. U. B., v. 130, 383; ascent of Mount Demavend, v. 170; obituary of, ix. 196; on Means of Communication between Central Persia and the Sea, v. 121\*; on route surveys in Northern Persia, v. 169; on telegraph lines in Persia, i. 270
- Chan, Santa Cruz, xi. 25
- Chan-bar-kai-chor river, Central Asia, xii. 85
- Chanchemayo, Peru, ix. 505; montaña of, xiv. 394; river, xiv. 385
- Chanoban, Rio, S. America, xiv. 127
- Chanchech creek, British Honduras, ix. 422
- Chancourtois, M. de, on the unification of the meridian, vii. 51
- Chanda, viii. 691, 692
- Chandler Fiord, viii. 159, 175
- Chandless, W., Exploration of the Purus and Aquiri rivers, xii. 240; river in Brazil named after him, x. 795
- Chandra river, vii. 709, 713
- Chandyr river, i. 176
- Ch'ang-an Sa, Korea, xiv. 146, 147
- Chang-jin, viii. 303
- Ch'ang Pai Shan, Korea, viii. 779, ix. 533, 541, 566, x. 485, xiv. 158; Journey to, Campbell, xiv. 141\*. See Pai-Shan, and Peik-tu-San.
- Chang-sha, China, ii. 158
- Chang-tang, Plain, Tibet, vii. 69, 72, 84
- Changu Kang mountain, Sikkim, iii. 329
- Chan-hai-king, L. de Rosny, xiv. 132†
- Chanler, A., expedition to East Africa, xiv. 893
- Chan-pai Shan. See Chang Pai.
- Chantabun, Siam, trade of, vi. 580
- Chantre, Ernest, Recherches Anthropologiques dans le Caucase, x. 311†; on the Suanetian language, x. 335
- Chantre, Mme. B., A Travers l'Arménie Russe, xiv. 807†
- Chany, Lake, desiccation of, 645
- Chao-hai Sing, mausoleum of T'ai Tsung's Empress, v. 29
- Chaoi, Mount, East Africa, height of, x. 25
- Chaour-tu glacier, xi. 671, 675
- Chapada da Mangabeira, viii. 350
- Chapar rift, ii. 535, 536
- Chapara plateau, Brazil, xii. 42
- Chapin, F. H., Mountaineering in Colorado, xii. 248†; photographs of mountain scenery in Colorado, x. 404
- Chapman, F. M., on the prairie fires of North America, xiv. 95
- Chaprot Fort glacier, Himalayas, xiii. 410
- Chura, W. Africa, xiv. 514
- Charabamba, town of, Bolivia, v. 340
- Charbagh, Valley of, Persia, v. 77
- Charchani, Mount, Peru, altitude of, xii. 229, xiii. 48
- Char-darya pass, Hindu Kush, i. 116
- Chardin, Sir J., Travels in Persia, xiii. 243†
- Chardings, Shateit river, xiii. 595
- Charencey, Comte de, on the language of the Basque race, x. 388
- Chargut Cho, Lake, Tibet, xiv. 320
- Charikar, Hindu Kush, i. 119
- Charishli, Turkomania, vii. 234
- Charjul, Trans-Caspian railway to, viii. 267
- Charjui-daria, or old southern channel of the Oxus, iv. 221, 222
- Charkhaneh hamlet, Persia, v. 77
- Char Kor, xii. 535, 537
- Charles island, Galapagos, ii. 747, 748
- Charmetant, Perc, on the future of African populations, ii. 388
- Charnay, Desiré, Ancient Cities of the New World (Mexico and Cent. America), ix. 393†; award of Paris Geographical Society's medal to, vi. 346; exhibition of Mexican antiquities, v. 175; journey in Java and Australia, i. 275, ii. 67; journeys and discoveries in Mexico and Guatemala, ii. 252, iii. 501, iv. 565, v. 201, vi. 348, ix. 128; on ancient cities of the New World, vii. 193; on the age and origin of the indigenous American civilization, v. 44, 45; on the monuments of Yucatan and Mexico, v. 44, 427
- Charron Peak, Caucasus, xiii. 324
- Charts, Admiralty, etc., i. 157, 352, 413, 615, 750, 751; ii. 78, 206, 334, 398, 528; iii. 120, 255, 444, 701; iv. 188, 255, 581, 711; v. 117, 310, 376, 439, 631, 686, 751; vi. 240, 362, 549; vii. 62, 136, 267, 414, 559, 700, 838; viii. 216, 286, 414, 542, 677; ix. 65, 139, 329, 465, 725; x. 59, 115, 323, 482, 547, 675; xi. 62, 126, 259,



- Chart, Admiralty—*continued*—  
 402, 522, 639; xii. 191, 254, 370, 574,  
 646, 774; xiii. 134, 246, 379, 574, 697,  
 746; xiv. 67, 138, 270, 351, 431, 510,  
 581, 734, 816, 882
- Chashma Bulazan, Persia, xii. 589
- Chashma Islim, Afghanistan, vii. 562
- Chashma Sabz pass, Afghanistan, vii. 279
- Chashmeh, Persia, v. 70
- Chashmeh (= spring), villages in Persia  
 so designated, v. 64, 68, 69
- Chatadhar ridge, Himalayas, v. 616, 620,  
 624
- Chatelain, M. H., curvimeter of, viii. 126
- Chatham islands, map of, from surveys by  
 S. P. Smith and J. Robertson, x. 260;  
 visit to, Forbes, 718
- Cha-tong-ka, Formosa, vii. 8
- Chaudoin, E., *Trois Mois de Captivité au*  
*Dahomey*, xiv. 341†
- Chavagnac, M. de, *De Fez à Oudjda*, ix.  
 779†
- Chavanne, Dr. J., Afghanistan, Land und  
 Leute, i. 147†; Afrika im Lichte unserer  
 Tage, iii. 375†; Die Sahara, i. 148†;  
 maps by:—, Africa (physical, wall), i.  
 816, iv. 453; *id.*, Central, iii. 700; Equa-  
 torial, vi. 487, note on, 476; America,  
 Central, and West Indies, iv. 454; Asia  
 (physical, wall), iii. 512; *id.*, Central,  
 ii. 329; mapa de los Ferro-Carriles, etc.,  
 de la Republica Argentina, xii. 774; on  
 the mean level of Africa, iv. 95; Phys-  
 ikalisch-statistischer Hand-Atlas von  
 Oesterreich-Ungarn, iv. 584
- Chavannes, M. de, on the position of Boko-  
 Songo, x. 596; work on the Congo, xi. 48
- Chaw tribe, Burma, iv. 323
- Chebaky, Lake, desiccation of, viii. 645
- Chechens, Caucasus, Language of the,  
 Baron Uslar, x. 736†
- Cheda, Mount, height of, vii. 50
- Chefa, Harbour of, xiv. 705
- Chegem Group, Caucasus, xiv. 100
- Chehar Lang tribe, S.W. Persia, xii. 544
- Cheik-Said. *See* Sheikh.
- Chekanovsky, A., *Die Hauptresultate von*  
*Forschungen von, in Nord-Sibirien*  
*(map)*, i. 413
- Chella, Sierra de, South-West Africa, v.  
 459
- Chelmoni ridge, East Africa, x. 29
- Chelogle peak, Caucasus, xiii. 320
- Chelu, A., *Le Nil, le Soudan, l'Égypte*,  
 xiv. 871†
- Chemen-i-Bid, Turkostan, v. 7
- Chemical Oceanography, sub-section of  
 British Association on, xiv. 627
- Chenab river, v. 616, 618, 620, 624; fall of  
 the, vii. 709
- Ch'eng Hai lake, viii. 378
- Chên-ning in Kwei-chou, China, v. 447
- Chentu people, Central Asia, xii. 85, 87,  
 xiii. 210
- Chepmi, semi-nomad tribe of Asia Minor,  
 vi. 314
- Chérgh-Tash, or lamp rock, Pamir, ix. 70
- Cherchen oasis, vii. 809
- Cherchu, Central Asia, xii. 84
- Chering Chitshum, Tibet, v. 665
- Chernyshef, M. A., on the Timan expe-  
 dition, xiii. 172
- Chersky, M., exploration of Lake Baikal,  
 i. 281; geological map of the same, ix.  
 51; exploration of the Verkhoyansk  
 and Stanovoi mountains, xiv. 409
- Cherubini, C., *Carta in rilievo dei Laghi*  
*Lombardi*, vi. 611; *delle Alpi Occi-*  
*dentali e dell' Appennino*, iv. 327
- Chervin, Dr., on the development of French  
 population, xi. 181
- Chesney, Hon. E., Alexander the Great's  
 Invasion of India, xii. 301†
- Chetang, Tibet, vii. 77, 312; discharge of  
 Sanpo above, vii. 321
- Chevoy, Bolivia, v. 338
- Chewa tribe, ix. 115
- Chewings, Charles, Central Australia, xiii.  
 343\*; journey to the sources of the  
 Finke river, ix. 192
- Chewsuren, the, and their Country, Radde,  
 i. 77†
- Cheyne, Commander, scheme for a North  
 Pole expedition, ii. 759
- Chhol-wön, Corea, vii. 609, 610
- Chhông-chhon-gang, viii. 300
- Chhôn-mal, Corea, vii. 609
- Chhu-san, Korea, viii. 302
- Chia lake, Nyasaland, i. 291
- Chia river, Central Africa, viii. 736
- Chiamdo Chu river, Tibet, vii. 70, 75
- Chiamdo, Tibet, v. 665, 666, xiv. 320
- Chiarini, Signor, expedition in Africa, ii.  
 318; death of, ii. 508
- Chibchas of Colombia, the, v. 266; xiv.  
 853
- Chibchibte, E. Africa, iv. 746
- Chibinga, town of, viii. 73, 74
- Chibiquas tribe, South-West Africa, v. 465
- Chiburwe, ruins at, xiv. 293
- Chichenitza, Yucatan, v. 45
- Chi-chou, China, v. 23
- Chico rapid, Bolivia, v. 339
- Chico, Southern, Discovery of the Sources  
 of the, Don Ramon Lista, i. 683
- Chien-ch'ang valley, viii. 373
- Chieng Dow village, Shan States, xiii.  
 704
- Chieng Kwang, Siam, x. 127
- Chiengmai District, Siam, Report on a  
 Journey in, Archer, x. 539†
- Chieng Sen plain, Shan States, xiii. 706
- Chieng-Tung, Mr. W. Archer's journey to,  
 xi. 242
- Chiga range, E. Africa, iv. 202
- Chigunda Languages of the Lower Zam-  
 besi, Laws, ix. 58†
- Chigwadu, village of, slave dealing at, vi.  
 725
- Chihachef. *See* Tchibatchef.
- Chikala hill, E. Africa, vi. 716, 718, 723,  
 x. 25
- Chikishlar, Caspian, v. 392; bay of, i. 172
- Chiktym, Central Asia, xiii. 222



Chikusi, chief of district, Nyasaland, i. 308, ix. 185, 186  
 Chilcat country, Alaska, Lindeman on the, xiii. 295; map of, Krause, v. 750; passes and tribe, xiii. 72, 73; Indians, iv. 508; river, xiii. 76, 77  
 Child, T., The Spanish-American Republics, xiv. 427 †  
 Children river, North America, v. 640  
 Chilemba village, E. Africa, vii. 663  
 Chilli plain, Central Asia, xii. 58  
 Chili—  
   Andes of, explorations in, Kurtz and Bodenbender, x. 168, xii. 752, xiii. 396; Journey in, Glusfeldt, x. 108 †  
   Boundary with Argentina, iii. 490; Amunátegui on, ii. 71; map of, Chilian Hydrogr. Office, iv. 128; with Bolivia, i. 785  
   C. and the River Plate in 1891, Morant, xiii. 740 †  
   Dark Days in (Revolution of 1891), Hervey, xiv. 428 †  
   Flora of, changes in, viii. 786  
   History of the Discovery, etc., of Polakowsky, viii. 346 †; of Voyages to, xii. 770 †  
   Hydrographic Annual of Coasts of, Gormaz †, ii. 72, iii. 248  
   Map of, Opitz and Polakowsky, xiii. 697  
   Meteorological Society's Annual, ix. 460 \*  
   New provinces in, ix. 443  
   Sketches of, during the War, Boyd, iii. 443 †  
   Southern, breaks in Andean watershed of, ix. 580; map of, *Petermann's Mitteilungen*, ii. 398  
   Synopsis of Geography and Statistics of †, ii. 201, viii. 345, ix. 460  
   Wheat culture in, Newman on, x. 796  
   Work on, Comte de Robiano, v. 49 †  
 Chillongo bay, W. Africa, ii. 707  
 Chiltán, Great mts., ii. 234  
 Childa, District of, East Central Africa, v. 585  
 Chiluan island, mouth of Sabi river, v. 271  
 Chilwa, or Kilwa island, Lake Mweru, xiv. 39, 44  
 Chilwa lake. *See* Kilwa and Shirwa.  
 Chimanimani pass, xiii. 588  
 Chiman-tagh mts., position of, xi. 375, 376  
 Chimbi river, ruined stone kraals at the, xiv. 298  
 Chimbo river, Ecuador, iii. 454  
 Chimborazo mt., iii. 462, xiv. 127; Whympers ascent of, ii. 252, 267, 570  
 Chimmo, Capt. William, obituary of, xiii. 727  
 Chimsaka's village, Africa, v. 395  
 Chin and Lushai hills, xiii. 402  
 Chin river, China, i. 518  
 Chin tribe, Burma, iv. 323; vii. 314, xi. 206; expeditions against, xi. 682  
 China [*see also* Chinese]—  
   Across, Rousset, i. 77 †  
   Ancient map and surveys of, vii. 306, 307

## China—continued—

And its inhabitants, Plassotsky on, iii. 57  
 And the Roman Orient, Hirth, vii. 693 †  
 Atlas, historical, of, Oxenham, x. 403; orographical and geographical, Riecht-hofen, vii. 702  
 Bibliographical Dictionary of, Cordier †, i. 221, ii. 458  
 Cities and Towns of, Playfair, ii. 589 †  
 Claims of, in the Pamir, xiv. 31  
 Coalfields of, ii. 159-162  
 Conservation of waterways in, i. 718  
 Customs, Imperial Maritime, Reports on, ix. 649 †  
 English Life in, Knollys, viii. 132 †  
 Famine in, map of distressed districts, xi. 258  
 Flight of the *Lapwing*: Jottings of a Naval Officer, Shore, iii. 189 †  
 Frontier with Russian possessions, de-limitation of, iii. 736  
 Great wall of, x. 489; Von Müllendorf on, iv. 99  
 Inland mission in, work of, i. 355  
 Journeys in:—Cotteau, iv. 104; Hoskier, iii. 114 †; McCarthy (Chin-kiang to Bhamo), i. 127, 489 \*; Morrison, i. 127, ii. 145 \*; Rockhill, xiv. 60 †  
 Map of, China Inland Mission, i. 80  
 Meteorology of, Davenport, ii. 372  
 New route to, through Goschen and Dampier Straits, v. 515  
 Old Highways in, Williamson, vii. 405 †  
 Overland route to, from India, *via* Assam, Lepper on, iv. 623  
 Peking and the Interior of, Rochechouart, i. 148 †  
 Physical and Social aspects of, Baber, v. 441 \*  
 Population of, v. 443, 454, ix. 57  
 Portuguese in, Account of the Establishment of, V. de Santarem, i. 740 †  
 Railway connection with Siam and India, Survey for, Hallett, viii. 1 \*  
 Railways in, xix. 723  
 Relations with Cochin China, 16th to 19th Century, Devéria, ii. 324 †; with Central Asia, History of, ii. 490; with the West, Ancient Commercial, Hirth, xi. 112  
 Resistance to Western influences, xi. 419  
 River of Golden Sand, Gill, ii. 200 †  
 Sea Route to, from Western Asia, Oldest Records of, Yule, iv. 649 \*  
 Surveys on coasts of, Admiralty, ii. 419, iv. 338, 553, v. 598, x. 418, xiv. 378  
 Tibetan Borderlands of, Exploration of, Pratt, xiii. 171, 329 \*  
 To the Snows of Tibet through, Pratt, xvi. 425 †  
 Trade, Customs returns of, viii. 600, xi. 54; trade routes to, v. 451  
 Travels in, Plassotsky, vi. 54 †; Percé Rhodes, vii. 617 †; Wilson, ix. 779 †  
 Works on, Douglas, viii. 211 †; Riecht-hofen, iv. 389 †

## China, Central—

Climate of, Oxenham on, ii. 46

## China, North (North-East, North-West)—

And Korea, Rees, viii. 733†

Journey in, Hillier, i. 517

N.E., travels in, Von Möllendorff, iii. 101

N.W., journeys in, Easton, ii. 314;

Potanin, ix. 233

Royal Asiatic Society, N. China Branch,

Journal of, vii. 765†

## China, South (South-East, South-West)—

Early explorations in, iv. 715

Journey through, Colquhoun, iv. 168,

234, 378, 548, 713\*

Miao-tsze tribes of, visit to, Brounston,

iii. 225

Report of a Journey in, Bourne, x. 539†

S.E., map of the mission to Tchen-ly in,

xii. 772

S.W., Journeys in, Hosie, vii. 703, viii.

371\*

Map of part of, *Peterm. Mitt.*, v. 116

Railway connections with Burma, project of, Bourne on, x. 381

## China, Western—

Aboriginal tribes of, Nicholl on, ii. 702

Expedition through, iv. 168, 548

Journeys in, King, ii. 188; Széchenyi,

i. 737, 792, ii. 196

Three Years in, Hosie, xii. 569†

Trade of, xiii. 258, 262

Travels in, De Bezaure, i. 404†

Chinanimani pass. See Chim-

Chinanteco tribe, Vera Cruz, ix. 568, 570

China rock, coral reefs, v. 508

China Straits, scenery of, v. 507

Chin-chiang-kai town, viii. 379

Chinchona cultivation in Réunion, St.

John on, ix. 578

Chinde river, Zambesi delta, xii. 714, et

seq.; Rankin on, xii. 136\*

Chindrass gold mines, Malay Peninsula,

iv. 399

Chindwin River, Explorations on, Wood-

thorpe, xi. 197\*. See Kyendwin.

Chinebowie, British Guiana, vii. 499, 523

Chinese colonists in N. Borneo, iii. 207,

208; emigration, v. 448; De Groot on

the causes of, xiii. 557; emperors, burial

place of, v. 25; empire, progress of

geographical knowledge of, since 1830,

iii. 614; *Li* measure, variability of, iv.

717; rule in Central Asia, iv. 620

Chinese, Southern, advance of the, Hallett

on, v. 672

Chinese Turkestan, Journeys in, Bonvalot,

xii. 234, 235; Carey, ix. 731\*; Dau-

vergne, Walker on, xiv. 779\*; Gromb-

chefski, ix. 508

Chingambo mountains, Central Africa,

xiii. 92

Chingmi tribe, Bhutan, x. 420

Chingpaw, Upper Burma, xiv. 162, 163.

See also Singphos.

Ching-ting-fu, xii. 58

Chin-kiang, Journey from, to Bhamo,

McCarthy, i. 489\*

Chin-nan-kuan, Southern China, xiii. 252

China, tribe of, vii. 314, xi. 206; expe-

ditions against, xi. 682

Chin-Sha-Chiang river, v. 665 and note,

vii. 75, 308, viii. 378, 379

Chinyanja Language, Nyasa, Grammar of,

Riddell, ii. 271†; Table of Concordance,

Laws, ix. 58†

Chinzi-kurza, Central Asia, xii. 82

Chipanda river, Central Africa, ix. 177

Chipatula's, Lake Nyasa, i. 315

Chiperoni hill, E. Africa, vii. 481, 651,

660

Chipeta, tribe, ix. 115

Chipewyan, fort, Athabasca district, v.

634, 644, 652, 653; Catholic mission

near, v. 642

Chipewyan Tinney, Indians, v. 644, 648

et seq.

Chitroni mount, E. Africa, vii. 434

Chipoka's village, vii. 653, 658

Chippindall, Lieut. W. W., Observations

on the White Nile, 1875, x. 107†, xi. 642

Chiquitos, the open lands of, iii. 408

Chira oasis, vii. 807

Chiragh Saldi pass, Central Asia, x. 505

Chirakanga, Central Africa, xii. 747, 748

Chiriguano Indians, S. America, xii. 673

Chirmini, Persia, v. 145

Chiromo, Shire river, xiii. 607

Chiron, M. T., on the structure of the

Vosges mountains, xiv. 318

Chirowe, Central Africa, xii. 748

Chirvin, Dr., on the population of France,

ix. 204

Chirwa or Chisi island, Lake Shirwa, x. 30

Chisholm, G. G., Commercial Geography,

smaller, xii. 439†; Handbook of, xi.

635, xiv. 505†; Five-shilling Atlas,

Longman's, xii. 711; School Geography,

Longman's junior, x. 398†; for Aus-

tralia, x. 543†; Longman's, for India

and Ceylon, xiv. 502†; for North

America, xii. 642†

Chitambo of Ilala, gift by R. G. S. to, xi. 175

Chitesi, chief, iv. 484

Chitral, tour in, Biddulph, i. 794†; expe-

dition into, McNair, v. 552; valley of,

i. 111, v. 720

Chittenden, N. H., exploration of Queen

Charlotte islands, vii. 462

Chitumadshi plain, xi. 72

Chium-Chium pass, ix. 223 note.

Chiuta islands and lake, E. Africa, vi. 531,

713, 720, vii. 433, viii. 99, x. 31

Chiu-ya-p'ing, viii. 378

Chivaru's town, E. Africa, iv. 82

Chiwoné river, S. America, ii. 571

Chiwere, E. Africa, xii. 744

Chiyombe forest, Congo, v. 287

Chi Yün Ho, China, v. 23

Chizonzi, E. Africa, vii. 649

Chobe (or Kwando) river, Central Africa,

i. 383, ii. 175, iii. 391, vi. 27, 29, xi. 69;

explorations of, Selous, iii. 171; notes

on, Bradshaw, iii. 208; tribes at the

confluence of, v. 167

"Chob-i-Siyah," blackwood, Persia, v. 712  
 Chob-en, idol temple of, vii. 168  
 Chodzko, General, survey of the Caucasus, x. 684 *note*  
 Cho-ha town, viii. 225  
 Choisy, A., Le Sahara, *Souvenirs d'une Mission à Goleah*, iv. 120 †; surveys for proposed Trans-Saharan railway, ii. 433  
 Choknisan volcano, Japan, ix. 93  
 Chokhamo lake, Sikkim, iii. 327, 328  
 "Chol," the, of the Turkomans, vii. 569  
 Chola range, Sikkim, iii. 323, 324, 327  
 Cholet, Comte de, Arménie, Kurdistan et Mésopotamie, xiv. 569 †  
 Cholet, M., ascent of the Sangha river, xiii. 38, 393; journey in West Africa, x. 101  
 Cholo hill, E. Africa, vii. 653  
 Choltan mountains, Central Asia, xiii. 221  
 Chombe Mount, Lake Nyasa, i. 293  
 Chomnaga valley, Sikkim, iii. 326  
 Chomora-wa, Tibet, poisonous insects at, vii. 77 *and note*  
 Chong Jangal, Turkestan, xiv. 781  
 Chong-Kak, the "Bell Kiosk," Corea, v. 282  
 Chong Kum Kul, Tibet, ix. 740  
 Chong-ro, or "Bell Roads," v. 282  
 Chor, peak and axis of the, v. 617, 618  
 Choroschchin, M., map of the distribution of the Cossacks, v. 309  
 Choshiu province, Japan, ix. 98  
 Chosŏn, The Land of the Morning Calm (Korea), Lowell, viii. 275 †  
 Chotts of Rharsa and Melrir, iv. 366, 377  
 Choungtha tribe, Burma, iv. 323  
 Chowsam, Kamti chief, map by, vii. 319  
 Christaller, Rev. J. C., *Explorations in the Basin of the Volta*, by Basel missionaries, viii. 246 \*  
 Christiania, geographical society of, proceedings of, Feb., 1890, xii. 177  
 Christianity, Islam, and the Negro Race, Blyden, x. 50 †  
 Christianshaab, maximum temperature of, vii. 179  
 Christison, Dr., *Journey to Central Uruguay*, ii. 663 \*  
 Christmas Island, Indian Ocean, Account of, Wharton, x. 613 \*  
 Christopher, Lieut., journey in Somaliland, vi. 256  
 Christ's Hospital, nautical school of, iv. 298, 300  
 Christy, Mr., on the Beni region, v. 346  
 Christy, M., Why are the Prairies Treeless?, xiv. 78 \*  
 Chrysæ, Across, Colquhoun, v. 300 †; Ancient Indo-China, iv. 654  
 Chrysobalanus Iacoe, xii. 601  
 Chrystal, Professor, survey of Faeroe channel, v. 594  
 Chu, village of, viii. 229  
 Chûba, proper spelling of the Chupat river, v. 84

Chubiani, houses and towers of, Caucasus, x. 335  
 Chubut or Chupat river, Patagonia, v. 89, ix. 384, xii. 291; region of, vii. 342; record of expedition to, xi. 514 †; Welsh colony of, visit to, Durnford, v. 84  
 Chudleigh, Labrador, vii. 341  
 Chugani or Chuguni tribe, Kafiristan, Tanner on, i. 714, iii. 278 \*  
 Chukcho peninsula, ii. 64; Dra. Krause's expedition to, 1881, iv. 92, 621; map of south-eastern part of, Bremen Geo. Soc., iv. 253  
 Chukche tribe, i. 801, ii. 54-56, 63, iv. 180; Dall on, iii. 568; Nordquist on the true name of, iii. 365  
 Chuma, Livingstone's attendant, ii. 741; reward to, from the R.G.S., ii. 761  
 Chumalari peak, Sikkim, iii. 333  
 Chumbi, Sikkim, iii. 324  
 Chumbiri's town, remarkable stone hill near, vii. 359  
 Chunchu Muerto rapid, Bolivia, v. 339  
 Chung-king, or Ch'ung-ch'ing, China, i. 494, xiii. 331; trade of, viii. 381  
 Chunyo peaks, Central Africa, iii. 548  
 Chupat. *See* Chubut.  
 Church, Col. G. E., on the physical geography of Brazil, viii. 370; remarks on the Amaru-mayu and the Beni, v. 342, 347; on the Gran Chaco, xi. 151; on the Physical Geography of Brazil, viii. 370; on the River Ucayali, xiv. 396; report on Ecuador, v. 351; the Venezuela Central Railway and its Sources of Traffic, x. 321 †  
 Church Missionary Society, atlas of the, i. 288; geographical work in Africa, i. 361; maps of Africa, i. 287; operations on the Victoria Nyanza, i. 135, 136, 685, ii. 44; Proceedings of, xiv. 730 †  
 Churchill river, Hudson's Bay, iii. 579, v. 648  
 Churchward, W. B., *My Consulate in Samoa*, ix. 657 †  
 Chypre. *See* Cyprus.  
 Cicquel Raoul, volcanic island, off New Guinea, v. 511  
 Ciénaga Grande, S. America, iii. 719  
 Cieza de Leon, Don Pedro de, on Colombia, v. 266  
 Cilicia Tracheia, Explorations in, Bent, xii. 445 \*  
 Cilician Gates, pass of the, Asia Minor, vi. 315, 320, viii. 96  
 Cimbebas race, Ovampoland, iv. 96  
 Cinechona from the Patia and Cauca valleys, v. 259, 260  
 Circassia, Views in, Admiral S. Brook, xiv. 173 \*  
 Circassians, in Asia Minor, vi. 313  
 Circumpolar expeditions, international, vi. 595  
 Cisneros, Mr., railways in course of construction by, in Colombia, v. 261  
 Citium, Cyprus, i. 98

- Civezza, M. da, *Bibliografia Geografica Storica Etnografica Sanfrancesca*, ii. 326†
- Civiale, A., *Carte des Alpes de la Savoie*, etc., ii. 591; *Les Alpes au point de vue de la Géographie physique et de la Géologie*, iv. 115†
- Clapier, Col du, viii. 642, 644.
- Clapperton, Capt., journey across the Kong mts., iv. 485
- Clarence, Duke of, letters of condolence on the death of, xiv. 125
- Clarence peak, Rogozinski's ascent of, xii. 289. See O-Wassu.
- Clarendon mount, E. Africa, vii. 484
- Clark, Commander B. F., report on Easter Island, v. 40
- Clark, E., *A Visit to South America*, i. 284†
- Clark, H. J., *Trinidad*, viii. 749†
- Clark, Latimer, *Transit Tables for 1887*, ix. 59†
- Clarke, C. B., *A Class Book of Geography*, xi. 517†
- Clarke, Col. A. R., *Geodesy*, ii. 462†; survey work of, vii. 684-688
- Clarke, Col. Sir A., on surveys in the Malayan Peninsula, iv. 409
- Clarke, G. W., *Journeys in China*, x. 491
- Clarke, H., *The Iberian and Belgian Influence and Epochs in Britain*, xi. 754†
- Clarke, Major F. C. H., *Kuldja*, ii. 489\*; *Statistics and Geography of Russian Turkestan*, ii. 69†
- Clarke, Rev. W. B., obituary of, i. 368
- Clarke's Rock mountain, rock salt in, v. 637
- Clarke, Sir Marshall, unexplored Basuto-land, x. 519\*
- Clauss, Dr. O., expedition in Brazil, viii. 517; map of surveys from Cuyabá to the Batovy, viii. 542
- Clavus, Claudius, map of Scandinavia, v. 177
- Clay, Dr. F. R., *Mapa de la isla de Cuba*, iv. 710
- Clayden, A. W., perspective maps and common maps, x. 668
- Clear lake, North America, v. 640
- Clear-water lake, Labrador, ix. 193
- Clear-water river, v. 635-638
- Clements Markham Inlet, viii. 173
- Clerke, Miss E., the Aborigines of Western Australia, xiii. 631
- Clérot, V., *Carte de tous les chemins de fer de l'Europe*, etc., i. 347
- Climate, effects of, on character of people, xiv. 225; of to-day, constancy of the, Brückner, xi. 387, 388
- Climates of the globe, Tillo on the, ix. 763
- Climatic Changes of later Geological Times, Whitney, v. 114†
- Climatology, Handbook of, Hann, v. 626†; *Linien gleicher Wärmeanomalie des Januar*, map, xii. 54; Penck on, xiii. 50
- Clodd, E., *Reminiscences of Mr. Bate*, xiv. 253
- Cloudy mountains, New Guinea, v. 507, ix. 81
- Clowey river, North America, v. 729
- Clutterbuck, W. J., A ramble in British Colombia (in part), xi. 59†; About Ceylon and Borneo, etc., xiii. 738†; The Skipper in Arctic Seas, xii. 249†
- Clyde, J., *Elementary Geography*, xiv. 875†; *School Geography*†, viii. 802, xii. 307
- Clyde Sea Area, The, Mill, xiv. 567†; salinity of, *id.*, x. 667
- Coahuilla valley, California, xiv. 311
- Coal on the Rovuma, iv. 65; in Spitzbergen, Cremer on, xiv. 182
- Coast-lines, changes in, Phené, xiii. 730; *Geographical Development of*, J. Geikie, xiv. 639\*
- Coban, town of, Guatemala, v. 191
- Cobb, Mr., report on the climate of the Falkland Islands, x. 797
- Cobham, C. D., *Bibliography of Cyprus*, ix. 57†
- Coblenz, map of the neighbourhood of, v. 627
- Cobungu Indians, ii. 468
- Cochabamba, Bolivia, v. 314
- Cochard, Léon, Paris, Boukara, Samar-cande, xiv. 60†
- Cochin, S. India, vii. 731
- Cochin China—  
Excursions et Reconnaissances†, vii. 554, 693, viii. 341  
Explorations in:—Adams (narrative of), i. 221†; French, iv. 768; Gautier, iv. 586, 437, 564; Neis, iii. 242  
French, climate of, iii. 364; in 1878, i. 76†; Morice on, ii. 520  
Geographical notes on, Tremlett, i. 391  
Maps of:—v. 375, 436, xii. 54; Bianconi's, xi. 62  
The C. C. Contemporary, Bouin and Paulus, v. 676†
- Cochran, William, Pen and Pencil in Asia Minor, x. 106†
- Cockin, Mr., ascents of Caucasian peaks, xi. 370
- Cockscomb Mts., Expedition to, Bellamy, xi. 542\*
- Cocochinchin village, Akim, v. 39
- Coco-nut palms and oil manufacture at Diego Garcia, viii. 388
- Cocos islands. See Keeling.
- Cod, Cape (Cabo de Baxos), the place of, in the old cartology, De Costa, iii. 115†
- Coddington, Colonel F., survey work in India, x. 650
- Codrington, R. H., *The Melanesian Languages*, viii. 280†; the Melanesians, their Anthropology and Folklore, xiii. 571†
- Coccollo, F., *La Cuestión del Río Muni*, xi. 315†
- Coen, Gustavo, *Le Grande Strade del Commercio Internazionale proposte fino del secolo xvi.*, x. 179†

- Coffinères de Nordeck, Lieut., Voyages aux Pays des Bogos et du Rio-Nuñez, viii. 405†
- Coghlan, Staff-Commander, survey of western coast of Australia, v. 597
- Coghlan, T. A., the Wealth and Progress of New South Wales, 1886-87, x. 398†
- Cohen, A., account of Mr. Stanley's station at Vivi, iii. 97
- Cohen, Prof. E., xii. 612
- Coillard, M., explorations in South Africa, ii. 320, iii. 55; journey to the Upper Zambesi, vii. 540, 610
- Coipasa Salinas, Bolivia, iv. 673
- Colan, Dr. T., obituary, viii. 436
- Colange, L. de, the National Gazetteer, vii. 197†
- Colberg, map of the environs of, ix. 326
- Cold Lake, Athabasca district, v. 649
- Cole, G. R. Fitzroy, the Peruvians at Home, vii. 55†
- Colebrooke, Sir Edward, obituary of, xii. 392
- Colenso, Bishop, first steps in Zulu grammar, i. 202
- Coleroon river, S. India, viii. 695
- Coles, John, on lands still available for European settlement, xiii. 34; on Mr. O'Neill's astronomical observations, vii. 449; report on the scientific instruction to intending travellers, iii. 237; Summer travelling in Iceland, iv. 513†; the Art of Observing, xiii. 629†
- Colin, Dr., journey in Senegal, vii. 50, x. 170; photographic views of Senegal, v. 174; survey work in Bambuk, xi. 175
- Collendia, New South Wales, government map of, v. 310
- Collens, J. H., Guide to Trinidad†, ix. 394, xi. 58
- Colleville, Rev. M. de, Belgique et Congo, ou Richesse, Bienfaisance et Gloire, viii. 274†
- Collingridge, G., the Early Discovery of Australia, xiv. 875†
- Collingwood, Dr., on South Formosa, vii. 22; on the shoaling of the harbour of Kelung, vii. 4
- Collins, J. H., Trinidad Official and Commercial Register, xiv. 728†
- Collins, Lieut., survey for the American Inter-oceanic Canal, ii. 192; Reports on the same, ii. 201†
- Collins, W. & Sons, comprehensive and students' atlases of modern physical and historical geography, iii. 127
- Collinson, Adm. Sir R., Journal of H.M.S. *Enterprise*, xii. 182†; on the search for the *Jeannette*, iv. 33, 34; obituary of, v. 606, 734
- Colmer, Mr., receives Murchison Premium on behalf of Mr. Ogilvie, xiii. 494
- Cologne, maps of, Algermissen (environs), iii. 382; Hayn, iii. 765
- Colomb, Capt., on the Arctic expeditions of 1878, i. 36
- Colomb, Lieut., proposed expedition on the Indian frontier, xiii. 634
- Colombia (New Granada)**—
- Andes of, Journey in, Hettner, x. 604†; Cordillera of Bogotá, *id.*, xiv. 850\*
- Atlas of, geographical and historical, xiii. 891
- Central Provinces of, Blake White on, v. 249\*
- Description of, Historical, Geographical, and Political, x. 51†
- Dictionary, Geographical, of, Esguerra, i. 812†
- Direction of rivers and mountains in, v. 249
- Journeys in, Schenck's map of, v. 181, 438, vi. 110
- Map of, Bianconi and Broc, x. 747
- Minerals of, v. 267
- Sierra Nevada of Santa Marta, Simons on, i. 689\*
- Southern, table-lands of, v. 249
- Travels in, Le Moyno, ii. 394†
- United States of, Pereira, v. 306†
- Colombo, F., L'Autenticità delle Historie di, Peragallo, vii. 129†
- Colonial Book Circular and Bibliographical Record, ix. 721†
- Colonial Chronology, by H. J. Robinson, xiv. 811†
- Colonial Conference. International, at Paris, subjects to be discussed, xi. 437; 1887, Proceedings of the, xi. 463†
- Colonial Exhibition, Reports on, edit. Trueman Wood, ix. 323†; Report of the Royal Commission, ix. 590†
- Colonial geography in Paris, xiv. 554
- Colonial Institute, Royal, Proceedings of, xiv. 876†
- Colonial Review, International, issue of first number, vii. 543; vols. i. and ii., viii. 281†
- Colonies, British, Cooper, x. 479†; Papers issued by Authority of the Royal Commission, edit. Trendell, viii. 750†; the Colonies, 1492-1750, Thwaites, xiii. 570†; the Story of our Colonies, Bourne, xi. 60†
- Colonization, modern, Leroy-Beaulieu, xiv. 810†; of the trans-Caspian region, Annenkoff on, xi. 436
- Colorado, Atlas of, Geological and Geographical, Hayden, i. 160†; Bell on, xiii. 633; Desert of, New Lakes in, xiv. 258; *id.* Redway on, xiv. 309\*; geological survey of, i. 285; maps of, Nell, ii. 464, Nell-Louis, ii. 718; mountaineering in, Chapin, xii. 248; photographs of mountain scenery of, Chapin, x. 404
- Colquhoun, A. R., Across Chryse, v. 300†; Amongst the Shans, vii. 483†; Expedition through Southern China to Burma, iv. 168, 284, 378, 548, 713\*, Yule on, iv. 558; medal awarded to (1884), vi. 340, 415; remarks on China, v. 456; on India-Siam-China railway connection,

- Colquhoun, A. R.—*continued*—  
viii. 17; on Siam, x. 130; on the ruby mines of Burma, ix. 701; Report (with H. S. Hallett) on Burma-China railway connection, x. 48†
- Colston, Col., Voyage du Caire à Kéneh, Berenice et Berber, ix. 260†
- Colton, C. and B., maps by:—Colorado, i. 351; New Mexico and Arizona, *ib.*; Virginia, Maryland, etc., *ib.*
- Coluguape, Lake, Patagonia, v. 86
- Columbia river, N. America, i. 700, xi. 154; (Upper) Report on, Symons, iv. 773†; on the source of, Hayden, i. 721
- Columbia, department of, map of, Symons, iv. 454
- Columbus, Christopher—  
Burial place of, ii. 456  
C., and how he imparted the Spirit of Discovery, Winsor, xiv. 135†  
C. C., by H. Harrisse, vi. 426†  
C. C. e la sua Famiglia, errori del Sig. E. Harrisse, Peragallo, xi. 576†  
Fourth centenary of the discovery of America, celebration of, xiv. 317; at Cadiz, xiv. 701; at Hamburg, xiv. 554; at Huelva, xiv. 700, 797, 854; Markham on, xiv. 317\*  
Landfall of, vi. 586, xiv. 592; Major on, vi. 42  
Letter of, announcing discovery, xii. 307, 641  
Life of, Ascensio, xiv. 266†; Harrisse, viii. 210†  
Origin of, Varaldo, ix. 721†  
Resting place of, i. 346†
- Colville, Col. H. E., A Ride in Petticoats and Slippers, ii. 522†; History of the Sudan Campaign, xii. 436†; First Steps on the Waterway of Edom, vi. 746†
- Colville Cape, New Zealand, the submarine volcano off, Hayward on, iii. 672
- Colville region, map of, by the Northern Trans-continental Survey, v. 630
- Comana, ruins of, Asia Minor, xiv. 58
- Comarcas Virgenes, Las, Baldrich, xii. 640†
- Comas, Peru, xiv. 391
- Comber, Rev. T. J., Explorations in the Cameroons and Congo, i. 225\*; Journeys in Congo, i. 329, 357, 666, ii. 366, 562, iii. 20\*; attack on, ii. 765; visit to Arthington Falls, iii. 99; journey to the Congo by Makuta, iii. 310, 362; work on the Congo, iii. 662; Visit to Stanley Pool, iv. 686; boat journey round it, vi. 71\*; Explorations on the Congo, up to Bangala, vii. 353\*; remarks on Congo exploration, vii. 372; obituary of, ix. 588
- Comedæ, Mts. of, vi. 501 and note
- Commerce in Europe, History of, Gibbins, xiii. 571†
- Commercial geography. *See* Geography.
- Como and Italian Lake Land, Lund, xi. 52†
- Comoe river, W. Africa, xii. 168, xiv. 261

- Comorin, Cape, S. India, vii. 732
- Comoro Islands, fauna of, Milne-Edwards and Oustalet, vii. 611; map of the Western, Schmidt, xii. 189
- Comoy, Étude pratique sur les Marées fluviales (Mascaret, etc.), iii. 249†
- Compass charts of Italy, xiii. 621
- Compiegne, map of, Dépôt de la Guerre, iv. 795
- Comprehensive Atlas of Modern, etc., Geography, Collins, iii. 126†
- Concepcion, Lake, Bolivia, iii. 403
- Conchine, M. *See* Konshin.
- Concieças, E. Africa, xii. 138, 139, 142
- Condamine, M. La, pyramids erected by, near Quito, iii. 463, 464
- Conder, Major C. R., Heth and Meab, v. 742†; on Bechuanaland, viii. 739; on Doughty's travels in Arabia, vi. 394; Palestine, xii. 47†; surveys of Eastern Palestine, iv. 642; of Western Palestine, v. 304†, vi. 424; Syrian Stone-lore, ix. 259†; Tent Work in Palestine, i. 478†
- Congo, River and Basin—  
Arthur on, viii. 747†  
Association of the, American recognition of, vii. 225, 226  
Basin of the, definition of, at Berlin Conference, vi. 742  
Belgians on the, Wauters, vii. 407†  
Boundaries on—Franco-Belgian, xii. 660, 664, work of commission on, viii. 776; Portuguese, v. 228; of the three Powers, vii. 229  
Comité d'Études du Haut, vi. 178  
Commerce and Industries of, xii. 437†; commercial advantages of, vii. 372  
Conference on, vi. 742, vii. 352  
Congo-land and its Inhabitants, Blink, xiii. 441†  
Discovery of, Diogo Cão's, ix. 579  
Early exploration of, iii. 684, 685  
Economics of the, Wauters, viii. 61†  
Expeditions to the, xii. 553; Angouard, iii. 662; Baptist missionaries, i. 666, ii. 366; Belgian, i. 512, xii. 464; De Brazza, iii. 175, 182, 183, 859, 484, 661, iv. 509; De Brazza, J., viii. 206, 771\*; Comber, i. 234, 329, ii. 562, iii. 20\*, 310, 362, vii. 353\*; Crudgington and Bentley, iii. 362, 553, 768, iv. 164; Delecommune, xii. 554; Gaillard, xiv. 720; German, 1884-86, viii. 634\*; Goldsmid, vi. 177\*; Grenfell, vi. 353\*, 455, viii. 524; Johnston, v. 569\*, 667; Kund and Tappenbeck, viii. 607, 735, ix. 338; Lenz, vii. 241; McCall, iii. 176, 360; Mizon, xiv. 558; Pogge and Wissmann, iv. 107; Ponel, ix. 514; Rouvier, ix. 339; Stanley, ii. 183, iii. 97, 358; summaries, viii. 430, 431, ix. 337, xiii. 393; Swedish, vii. 817; Wissmann, ix. 390, 640, 776
- Fauna and Flora of, v. 286, 287, 704, 708
- Five Years Among the Cannibals of, Ward, xiii. 54†



**Congo, River and Basin—continued—**

- Four Years on the, Jeannest, v. 507 †  
 Free State of the, vii. 370-373; Delmar-Morgan on, vii. 223 \*; De Winton on, viii. 609 \*; von Eetvelde on, ix. 689; boundaries with French territory, xii. 660, 664; Founding of, Stanley, vii. 486 †; maps of, Blink, xiii. 441, Du Fief, xiii. 191, Wauters, xi. 522; trade of, xi. 306  
 French possessions on, xi. 48  
 From its Mouth to Bolobo, Johnston, v. 692 \*  
 Geography of, Pechuel-Loesche on, v. 286  
 Journeys in the S.W. Basin of, Schütt, iii. 575 †  
 Length of the, ix. 120, 253  
 Letters on the, Dupont, xi. 749 †  
 Life on the, Bentley, ix. 649 †  
 Lower, Delmar Morgan on, vi. 183 \*; language of the, vi. 190; customs of tribes on, vi. 193; positions on, Delporte, xiii. 36  
 Map:—Basin of the, Kiepert, vii. 265, viii. 607; course of the, vi. 549; *id.*, Capello and Ivens, viii. 413; Grenfell's, note on, xi. 175; Middle Congo, xi. 126, xii. 507; mouth, ix. 657; Nat. Inst. Geogr., Brussels, vi. 109; routes of travellers, Büttner, xi. 466, Pogge, Lux, and Barth, Kiepert, ii. 77, Schütt, *id.*, iii. 640; territory of the Int. Company, Lannoy, vi. 614; tributaries of the Middle Congo, ix. 64  
 Memorial stone at mouth of, Diogo Caô's, von Schwerin's discovery of, ix. 439, 579; visit to, Dennett, ix. 689  
 Missions on:—Baptist, contribution to, Arthington, ii. 507; work of, Bentley, iv. 163; at Kintamo, vi. 75; Livingstone Inland, iv. 44, 294  
 Mouth of, map of, ix. 657  
 Natives of, De Rouve on, i. 144  
 News from, v. 605  
 Orography and Hydrography of, Büttcher, xi. 58 †  
 Physical Geography of, Baumann, x. 50 †; Dupont on, x. 284  
 Population of Congo basin, v. 709  
 Portuguese on, vi. 194, 195  
 Positions on, Rouvier, ix. 189; of international stations, vi. 742  
 Question of the, Du Fief, vii. 618 †  
 Railway to Stanley Pool, proposed route, xi. 97; results of survey for, xi. 571; Thys on, xi. 622  
 Route to Stanley Pool, *vid.* iii. 485, 486; into the interior, vii. 368  
 Seven Years Among the Fjort, Dennett, ix. 132 †  
 Slave-dealing on, vi. 186; slavery on, viii. 619, 620  
 Sources of, explored, vii. 456  
 Swedes on, ix. 381  
 Three Years on the, Müller, Pagels, and Gleerup, ix. 261 †

**Congo, River and Basin—continued—**

- Trade, ivory and indiarubber, on, viii. 621, 622  
 Tribes of, v. 705, viii. 618, 619  
 Tributaries of, v. 287, ix. 298 *et seq.*; exploration of, Grenfell, viii. 47, 627 \*, ix. 239, (the Mobangi), vii. 538, 611; (Lomami), Janssen, xii. 288; (Ngala and Aruwimi), Werner, xi. 342 \*  
 Upper, steamers on, vii. 230; upon the, Oguilhat, x. 541 †  
 Up the, and Kasai, Thys, x. 671 †  
 Visit to stations on, Johnston, v. 569 \*  
 Water of, colour and temperature, v. 694  
 Works on the—Johnston, vi. 236 †; Stanley, vii. 486 †  
**Congo, French—**  
 Map of, xiii. 62 †  
 Works on—Guiral, xi. 513 †; Rouvier, ix. 724 †  
**Congo, kingdom of—**  
 Language of, vii. 371; Dictionary and Grammar of, Bentley, ix. 58 †  
 Report on, Pigafetta, vi. 171 †; *id.*, transl. Mrs. Hutchinson, iii. 247 †  
 Congress, Geographical, Paris, proceedings of, Delmar Morgan, xi. 552 \*, 601 \*; International, of Americanists, i. 597; International, of Commercial Geography, i. 520  
 Coni, Dr. E. R., *Reseña Estadística de La Plata*, viii. 407 †  
 Conigrave, J. F., *Handbook of South Australia*, viii. 539 †  
 Conkling, A. R., *Guide to Mexico*, xiii. 127 †  
 Conn, W., *Cowboys and Colonels, Journey in Dakota*, ix. 461 †  
 Connell, R., *St. Kilda and the St. Kildians*, ix. 392 †  
 Connemara, Lord, *Tours of in South India*, Rees †, xi. 631, xii. 244  
 Connor Mt., *Australia*, xiv. 181  
 Cunolly, Capt. A., on the Oclous river, i. 180; *Journal of, from Bamian to Khiva*, 1840, xiv. 631 †  
 Conring, A. von, *Marocco, das Land und die Leute*, ii. 269 †  
 Cons, H., *La Province Romaine de Dalmatie*, iv. 245 †  
 Constable, Capt. C. G., *obituary of*, i. 457  
 Constance, Lake of. *See* Boden See.  
 Constantin, Vicomte de, *L'Archimandrite Palai et l'Ataman Achinoff*, xiv. 807 †  
 Constantine Harbour, *New Guinea Company's station at*, viii. 719; *rainfall at*, xiii. 177  
 Constantinople, Stolpe's map of, iii. 251; Zschokke's work on, vii. 53 †  
 Constanza, Valle de, *San Domingo*, x. 240  
 Consular Reports: *Miscellaneous Series*, 1889, xii. 807 †  
 Conti, Nicolo de, *Travels of, Bellemo*, v. 433 †  
 Continental homologies, viii. 757  
 Conway, *nautical training college*, iv. 309, 330



- Conway, W. M., Climbers' Guides to the Lepontine and Pennine Alps, xiv. 721 †; expedition to the Karakoram, xiii. 682, xiv. 178, 468, 557, 631, 704, 753
- Conybeare, H. C. A., note on Pargana Dudhi, Mirzapur District, ii. 199 †; Statistical, etc., Account of the Bijner District, i. 343 †; of the N.W. Provinces of India, vi. 354 †
- Coode, Sir John, obituary of, xiv. 257
- Cook, A., notes on the Recent Development, etc., of British North Borneo, xi. 693
- Cook, Capt., Centenary of the death of, celebrated by the French Geographical Society, i. 219, 539 †; Life of, Besant, xii. 251 †; Log of, King, xiv. 875 †
- Cook, J. M., on the ascent of the Nile cataracts, etc., vii. 124, 125
- Cook, Mount, New Zealand, vi. 58, 60, 64; ascent of, Green, iv. 379, vi. 60, 61, 373; map of the eastern slope of, xiii. 311
- Cook, S., the Jenolan Caves, xi. 635 †
- Cook's Inlet, Alaska, ix. 277
- Cooke, G. H., survey work in India, x. 650
- Cooke, Major W. S., French Operations in Madagascar, viii. 405 †
- Cooley, William Desborough, obituary of, v.
- Coolidge, W. A. B., Climbers' Guides to the Central and Lepontine Alps, xiv. 721 †; Guide du Haut Dauphiné (in part), ix. 710, xii. 243; Swiss Travel and Guide Books, xi. 508 †
- Cooper, A., The Colonies of the United Kingdom, x. 479 †
- Cooper, H. S., Coral Lands, iii. 63 †; the Highlands of Cantabria (in part), viii. 341 †
- Cooper, T. T., journey in the Irawadi region, vii. 318, 319
- Coordes, C., climatological wall map of Europe, x. 481
- Coorg, S. India, vii. 725; population of, xiii. 612; gazetteer of, and Mysore, Rice, i. 344 †
- Coote, C. H., Johann Schöner, a reproduction of his globe of 1523, etc., x. 319 †
- Coote, Walter, the Western Pacific, v. 746 †; Wanderings south and east, iv. 248 †
- Copan, Central America, ruins of, v. 189; Explorations of, Maudeley, viii. 568\*; carvings and sculptures at, viii. 593, 593; village and river of, viii. 572, 586
- Copenhagen, Geographical Society of, proceedings of, v. 107, vi. 167; population of, x. 101, xii. 670; Hangsen-Blangsted on, viii. 670
- Copper river, Alaska, ix. 276; glacial action on, Allen, viii. 787; Report of Expedition to, *id.*, x. 396 †
- Coppermine river, North America, v. 652, 728
- Coppinger, R. W., Cruise of the *Alert*, vi. 105 †; visit to Skyring Water, Straits of Magellan, ii. 552
- Copplestone, Mr., journey to Victoria Nyanza. See Stokes.
- Coquillhat, Camille, Sur le Haut-Congo, x. 541 †
- Cora, Prof. G., Balcanica Penisola, xii. 243 †; Carta della Baia d'Assab ed Adiacenze, iv. 580; Carta della Regione attorno a Massaua, ix. 396; Conni intorno all' attuale indirizzo degli studi Geografici, viii. 131 †; Da Brindisi a Bombay, viii. 131; Il Sahara, viii. 131 †; Note Cartografiche sulla Reggenza di Tunisi, viii. 131; on geography as a science and its sphere, viii. 337; on the physical geography of the Sahara, iv. 439; presentation of patron's medal to, viii. 465, 467; Viaggia nelle Bassa Albania, etc., viii. 211
- Coral Islands, Theory of the origin of, Langenbeck, xiv. 134 †; upraised, off New Guinea, MacGregor on, xiv. 415
- Coral Lands, Cooper, iii. 63 †
- Coral Reefs, on the structure and distribution of, by Ch. Darwin, xii. 708 †
- Coral Sea, Hydrographic survey in the, x. 419
- Coral and Coral Islands, Dana, xii. 307 †
- Corazon mts., S. America, xiv. 128
- Corbin, D. F. M., Life of Matthew Fontaine Maury, x. 479 †
- Cordetro, L., L'Hydrographie Africaine d'après les premières explorations Portugaises, i. 149 †
- Cordier, H., Bibliotheca Sinica, i. 221, 458, 538 †; Col. Sir Henry Yule, xiii. 242 †; Voyages de Frère Odoric de Pordenone, xiii. 638 †
- Cordillera of Bogotá, xiv. 126, 127, 850; of Bolivia and Peru, xiii. 47, 48; of Guatemala, pine woods and oak forests of, v. 190; of Peru and Ecuador, xiv. 126, 127, 850; Real, Bolivia, iv. 671
- Cordoba, Sierra of, sketch map of part of, Brackebusch and Seelstrang, iv. 188
- Corea. See Korea.
- Corerah region, W. Africa, Le Savoureux's explorations in, vi. 298
- Corinth, canal of, map by R. Gerster, iv. 578
- Cornelissen, Lieut., explorations in Sumatra, i. 770, 772
- Cornice pass, Alps, v. 554
- Cornish, W. H., Explorations in South Australia, ii. 49
- Cornwall, Guide to, Baddley and Ward, xiv. 424 †
- Coroca river, South-West Africa, v. 459
- Coromandel coast, S. India, vii. 732
- Coronado, Vasquez de, journey in North America, xii. 293
- Coropiasos, city, Asia Minor, xiv. 56
- Coropuna, Mount, Peru, altitude of, xii. 229
- Corrasco, Dr., on immigration and emigration of the Argentine Republic, xi. 556
- Corrèze, Department of, Geography of the, Lestrade, xiv. 866 †

- Corsica, An Excursion in, Bonaparte, xiv. 59†; Collection des Guides-Joanne, Joanne, vi. 482†; Itinerary [through], Black, x. 175†; physical character of, xii. 632, 633
- Cortambert, M. R., maps of Japan, v. 429; Nouvelle Histoire des Voyages, etc., vii. 57†; death of, v. 161
- Corte-Real, discoveries of, xiv. 602; Voyages to the New World, Harris, v. 678†; note on, Markham, xiv. 604
- Corte-Real, the land of, or the colony of Terra Nova, vii. 33
- Cortez, Hernan, v. 188; march across Central America, viii. 588, 589
- Corti, Corsica, xii. 633
- Corti, Siro, Le Provincie d'Italia sotto l'Aspetto Geografico e Storico†, xi. 459, xiii. 183, 238, xiv. 566, 805
- Crumhá, Bolivia, iii. 409
- Corvo, J. de Andrade, De Castro's Roteiro de Lisboa a Goa, iv. 518†; Estudos sobre as Proviúcias Ultramarinas, ix. 720†
- Corwin, the, cruise in the Arctic seas, in search of the *Jeanette*, iv. 29; Hooper on, iv. 180; visit to Wrangell Land, iii. 731; Cruise of the, Notes on, v. 746†, viii. 211†; Report on, Hooper, viii. 474†
- Cosa, Juan de la, map of the Columbus discoveries, 1500, xiv. 600, 601
- Cosiguina volcano, Central America, v. 670
- Cöslin, Special-Karte des Regierungs-Bezirks, ix. 326
- Cosmas' notices of sea routes to China, iv. 650
- Cosmographie Atlas, Keith-Johnston, vii. 270
- Cosmography in Four Books, Heylyn, vii. 833†
- Cosson, Dr., on the projected creation of an inland sea in Algeria, i. 535
- Cosson, E., Compendium Floræ Atlanticæ, etc.†, iii. 763, x. 740
- Cosson, Major E. A. de, Days and Nights of Service at Suakin, xi. 315†; obituary of, xi. 441
- Costa, B. F. de, Cabo de Baxos, or the Place of Cape Cod in the Old Cartology, iii. 115†
- Costa Leal, Fernando da, journey of, v. 468
- Costa Rica, climate of, Pittier, xii. 565; explorations in, *id.*, xiii. 300, 301, xiv. 342†; map of, *id.*, xv. 138; Latest Journeys, etc., in, Polakowsky, vii. 488†; Nicaragua, Panama, and Costa Rica in the 16th century, Peralta, vi. 172†
- Costa river, West Africa, v. 229
- Costeños of Bolivia, xiii. 48
- Cotinga river, vii. 504, 527
- Cotopaxi, mt., Ecuador, iii. 458
- Cotteau, Ed., from Paris to Japan by Siberia, v. 301†; journeys in China and Japan, iv. 104; in Borneo, vi. 473; in
- Cotteau, Ed.—continued—  
Java, vii. 50; to the New Hebrides, vii. 252; Les Nouvelles-Hébrides, ix. 719†; Promenades dans les deux Amériques, ii. 590†; dans l'Inde et à Ceylan, ii. 199†; Une Ascension au Pic de Ténériffe, xii. 301†; Un Touriste dans l'Extrême Orient, vi. 169†; Voyage au Caucase et en Transcaspienne, x. 395†; aux Volcans de Java, viii. 534†
- Cotterill, H. B., on the longitude of Lake Nyasa, i. 459
- Cottesloe, Lord, on the report of the Council, 1881, iii. 431; obituary of, xiii. 400
- Cotton, Hon. G. W., on the utilization of the Artesian and other waters in the Sahara, xiii. 337
- Cotton, Sir A., irrigation scheme for the Godavery, viii. 693
- Cottret, L'Abbé, L'Île de Rhodes, iv. 771†
- Coudreau, H., Dix Ans de Guyane, xiv. 661†; explorations in Amazons valley, vi. 232; in Guiana and the Tumuc-Humac range, vii. 553, ix. 775, x. 473, xi. 439, xii. 428, xiii. 40, 300, 562; La France Équinoxiale, ix. 716†; on territory in dispute between France and Brazil, viii. 60
- Coudriavtzeff, M., expedition across Russian Lapland, vii. 191
- Coulberg, M., work on the Afghan frontier, xi. 311
- Coulour, ancient diamond mine of India, iv. 98
- Council of R. G. S., Annual Report of, i. 460, ii. 439, iii. 425, iv. 425, v. 411, vi. 409, vii. 467, viii. 458, ix. 446, x. 459, xi. 442, xii. 479, xiii. 495, xiv. 478
- Counsel, E. A., Road from Marlborough to Pieman River, i. 223†
- Couperie, Prof. T. de la, on the hill slopes of Tong-king, viii. 243
- Couppé, Père, explorations in New Guinea, x. 248
- Courbis, Capt., on the dunes and subterranean waters of the Sahara, xii. 298
- Court, M., projected journey in the Sudan, i. 591
- Cousens, H., The Caves at Nadsur and Karsambla, xiv. 868†
- Cowan, Colonel, survey work in India, x. 650
- Cowan, Fr., A City of the Royal Palms, and other Poems, viii. 478†; Australia: A Charcoal Sketch, viii. 478†; A Visit in Verse, Halemaumau, viii. 478†; Fact and Fancy in New Zealand, viii. 478†
- Cowan, Rev. W. D., Journeys in South Central Madagascar, iv. 521\*, xiv. 738; the Murchison Grant awarded to, v. 297, 422; the Tanala, iii. 574†
- Cowen, Charles, Witwatersrand, Johannesburg, and other Gold Fields, x. 396†
- Cowley, A., survey of the Galapagos islands, xiv. 315

- Cox, S. H., ascent of western glaciers of Mount Cook, vi. 63
- Crocroft, Miss, death of, xiv. 553
- Crampel, M., explorations in West Africa, xi. 437, xii. 378; expedition to Lake Chad, xiii. 227, 391, 484, 556, xii. 553, xiv. 372; report on, Nebout, xiv. 241; Crampel Mission, *id.*, xiv. 727†; on the Bayagas, dwarf tribe of the Ogowe, xiii. 178
- Crampon, E., on French commerce in the Philippines, vii. 192
- Crater Lake, Oregon, i. 697
- Craven, Alfred, remarks on Usambara, i. 94
- Crawford and Balcarres, Earl of, Bibliotheca Lindesiana, vii. 120†; expedition to Mauritius, 1874, viii. 131
- Crawford, J. C., Recollections of Travel in New Zealand and Australia, ii. 462†
- Crawford, R., Across the Pampas and the Andes, vi. 302†; Reminiscences of Foreign Travel, x. 480
- Crawford, O., Portugal, Old and New, ii. 458†; Round the Calendar in Portugal, xiii. 52†
- Crazy mountains, Montana, map of, v. 630
- Creah, Staff-Commander, obituary of Sir Fr. J. O. Evans, viii. 112
- Crees (North American Indians), v. 649 *et seq.*
- Crémazy, Laurent, Notes on Madagascar, v. 678†
- Cremer, Leo, on coal in Spitzbergen, xiv. 658†; An Excursion to Spitzbergen, xiv. 658†
- Crenneville, V. G. F. de, Die Insel Cypren, etc., i. 740†
- Crete, Sojourn in, Melena, xiv. 59†
- Creux de Souci, M. Martel's exploration of, xiv. 556
- Creux Percé or Ice Cavern, M. Martel's exploration of, xiv. 467
- Crevasse glacier, Mustagh range, xiv. 216
- Crevaux, Dr. Jules, ascent of the Oyapok, i. 74; explorations in Guiana, i. 131, 280, ii. 135, 136, 195; on the Amazon and its tributaries, i. 522, 723, ii. 135, 136, 253; in Colombia and Venezuela, iii. 111, 243, 369; on the Pilcomayo and Gran Chaco, iv. 61, 176, 239, 243, xi. 135; death of, iv. 508, 547, 563, 566, 567, v. 385, 429, vi. 230; expedition in search of remains of, iv. 767; survivors of his expedition, v. 486; discovery of relics, vi. 297; Journeys in S. America, v. 113†; Atlas of Rivers of S. America†, v. 309, 385
- Cridland, Mr., on the climate of Florida, iii. 50
- Criegern, F. von, Ein Kreuzzug nach Stambul, i. 282†
- Crillon, Mount, Alaska, height of, ix. 279
- Crimea, (and Caucasus), Sport in, Phillips-Wolley, iv. 119†; Flora of, Aggéeenko, xiv. 500†
- Croatia and Slavonia, map of, ix. 209; general, Kitzenschläger, xi. 520
- Croatian Countries, North, Physical Conditions of, Utiesenović, i. 740†
- Croche or Sinuous Rapid, Athabasca, v. 637
- Crocker, W. M., Notes on Sarawak and Northern Borneo, iii. 193\*
- Crocodile river, Transvaal, x. 439
- Croix, E. de la, mission to Sumatra, ii. 253; the Ruins of the State of Perak, v. 301†
- Croizier, Marquis de, Bulletin de la Société Indo-Chinoise, viii. 671†; Le Bazar de Boukhara, xiv. 868†
- Cromer, Mr., ascent of Mount Roraima, x. 106, xiv. 242
- Crook, H. T., on the Ordnance Survey, its Present State, etc., xii. 674\*; on the improvement of the large-scale maps of, xiii. 631
- Croonenbergh, Père, determination of heights in Matabeland, iii. 178
- Cross, D. K., award of Back Premium to, xiii. 294; on the country between Lakes Nyasa and Tanganyika, xiii. 86\*
- Cross Isle Lake, Athabasca, v. 649
- Cross river, West Africa, x. 635, 756; ascent of, Edgerley, iv. 94; Journey up, H. H. Johnston, x. 435\*. See also Old Calabar.
- Cross, Staff-Surgeon H., photographs of the Western Pacific islands, x. 404
- Crosse, Lake à la, depth of frozen soil at, viii. 743
- Crouch, A. P., Cable-laying in the African Tropics, ix. 780†; Glimpses of Feverland (West Africa), xi. 304†
- Crow, Arthur H., Highways and Byeways of Japan, v. 241†
- Crowther, Bishop, ii. 124, 289, 292, 304, 305; pre-entation of watch to, ii. 450
- Crowther, Cape, Franz-Josef Land, v. 205
- Crowther, S. A., List of Places on the Niger, etc., xi. 188†
- Crozals, J. de, Le Commerce du Sel du Sahara au Soudan, viii. 344†; Les Peulhs, v. 371†
- Crozet islands, Capt. East's visit to, ii. 509
- Crozet's Voyage to Tasmania, New Zealand, etc., transl. Ling Roth, xiv. 133†
- Crucero Alto, altitude of, xii. 229
- Crundington, H. E., journeys on the Congo, iii. 362, 553, iv. 164; map showing that to Stanley Pool, iii. 768
- Crusades, the Country of the, Hoche, ix. 316†
- Cruttenden, Lieut., journey in Somaliland, vi. 257; visit to Zeila, vii. 118
- Cruz, Don Luis de la, Viaje desde Chile à Buenos Ayres, viii. 212†
- Cruz, Puerto de la, latitude of, xii. 415
- Crystal Peak, Himalayas, xiv. 704, 758
- Cua-ai village and frontier gate, viii. 238
- Cua Cam and Cui Dam, mouths of the Song Koi, viii. 218
- Quando, Cuango, Cuanza. See Kwa-

- Cuba, maps of, Clay, iv. 710; (geographical encyclopaedical) De las Peñas, iv. 454; (special) Peñuelas y Vazquez, xiii. 697; track of the cyclone of Sept. 1888, across, xi. 639
- Cubango river, Central Africa, i. 272, 365, 484, vi. 26-28
- Cubas, A. G., Carta oro-hidrográfica de la Republica Mexicana, i. 351
- Cubit, Persian, length of the, x. 584
- Cudmore, P., The Civil Government of the States, xiv. 731†
- Cuenca Province, S. America, xiv. 127
- Cuinet, Victor, La Turquie d'Asie†, xiii. 739, xiv. 569
- Cumberbatch, M., account of the Dobruja country, viii. 49
- Cumberland sound, vii. 612; journey to, Boas, viii. 456; map of, *ibid.*, viii. 63; German meteorological station at, iv. 569, 570, v. 378
- Cumberland, S., the Queen's Highway from Ocean to Ocean, ix. 520†
- Cumbre Iglesias, height of, vi. 659
- Camming, C. F. Gordon, Fire Fountains (Hawaii, etc.), v. 114†; Two Happy Years in Ceylon, xiv. 340†; In the Himalayas and on the Indian Plains, vii. 53†
- Cunene river, Central Africa, i. 272, v. 467, 660, 696; basin of the, etc., sketch map, Ravenstein, iv. 187; district of, Duparquet's journey in, viii. 455; Journey to, Earl of Mayo, v. 458\*; tribes of the, iv. 96
- Cunningham, C. D., the Pioneers of the Alps, xi. 46†
- Cunningham, Rev. Dr., on lands available for European settlement, xii. 33
- Cunos or Tall Indians of Darien, viii. 723
- Cuacucunuma river, South America, x. 101
- Cunynghame, Gen. Sir A. F., obituary of, vi. 380
- Cupati, Serra de, Brazil, viii. 359
- Cuppers, J., Schulwandkarte von Europa, iv. 456
- Curitiba, the Victoria falls of the, vi. 581, 748
- Curling, Rev. J. J., remarks on Labrador, x. 203
- Curr, E. M., the Australian Race; its Origin, Languages, etc., x. 254†
- Currents, Causation of, in Solid, Liquid, and Gaseous Materials, etc., Wettstein, ii. 202†; in Straits, Wisotzki, xiv. 877†
- Curtis island, extent of, x. 316, 317
- Curtis, R. S., journey into the Beni Amer country, xiv. 516
- Curtius, E., and Adler, F., Olympia und Umgegend, iv. 440†
- Curtius, E., and J. A. Kaupert, Atlas von Athen, i. 160; Karten von Attika, iii. 689; Wandplan von Alt-Athen in 4 Blättern, iii. 697, iv. 327
- Curzon, Hon. G. N., on the R. G. S.'s new map of Persia, xiv. 69\*; Persia
- Curzon, Hon. G. N.—continued—  
and the Persian Question, xiv. 658†; Russia in Central Asia in 1889, and the Anglo-Russian Question, xi. 698†; The Karun river and the Commercial Geography of S. W. Persia, xii. 509\*; the Transcaspiian Railway, xi. 273\*
- Curzon, Hon. R., Visits to Monasteries in the Levant, ix. 264†
- Cust, R. N., Africa Rediviva, xiv. 132†; elephant experiment in Africa, iv. 381\*; Language (Modern), of Africa, vi. 101†; of the East Indies, i. 76†; Linguistic and Oriental Essays†, iii. 59, ix. 720; missionary map of Africa, xiv. 137; on Sir L. Playfair's tour in Tunisia in 1885, viii. 522; on the progress of African philology, vii. 730; receives watch for Bishop Crowther, ii. 451; remarks on the ascent of the Binué, ii. 304; on Arnot's journey, xi. 79; on Last's visit to the Masai, v. 542; O'Neill's account of East Africa, vii. 451; on South-eastern New Guinea, ix. 84; on Tanganyika, iv. 27\*; on the Chugáni tribes of Kafiristan, iii. 278 note\*; on the Rovuma district, ii. 352; Three Lists of Bible Translations Actually Accomplished, xii. 771†
- Cutch, Indian surveys in, iv. 342
- Cuthbertson, Mr., expedition to Mount Obrea, New Guinea, ix. 508, 753, x. 416, xii. 689
- Cuyaba town, viii. 517, 518
- Cuyuní, Upper, Mr. McTurk's exploration of the, iv. 695
- Cuzco, Peru, v. 315-327
- Cydnus river, Asia Minor, vi. 316
- Cyprus—**  
Account of, Biddulph, xi. 622, 705\*  
As I saw it in 1879, Sir S. Baker, i. 808†  
Bibliography of, Cobham, ix. 59†  
Cyprus, Asiatic Turkey, and Egypt, Farley, i. 149†  
Ethnological studies in, Dr. Crenneville, i. 740†  
Forests in, condition and management of, Wyld, i. 725  
Handbook to, and Catalogue of Exhibits at Colonial Exhibition, viii. 673†  
Historical and Descriptive, Von Löher, i. 283†  
History, etc., of, Lang, i. 283†  
Its Present Condition, etc., Latrie, i. 283†  
Journey through, 1878, Thomson, i. 97\*  
Locusts of, xi. 711, 712  
Map of, Kiepert, i. 79  
Our home in, Scott-Stevenson, i. 809†  
Pre-historic, rough notes on, Rawlinson, i. 106  
Surveys of—(trigonometrical), Kitchener, vii. 411; Millard, i. 379  
Three Months in, Brown, i. 731  
Through, Agnes Smith, ix. 302†

*Cyprus—continued—*

- Through, with camera, 1878, Thomson, i. 284  
*Cyrenaica*, routes of the Camperio-Haimann expedition in, map of, iii. 701.  
 See Tripoli.

## D

- D'Abbadie. *See* Abbadie, De  
 Dabbene, M., journey into the interior of Africa, vii. 401  
 Dachselt, A., Karte von Schandau und Umgebung, iv. 578  
*Dacia*, the marine researches of the, vi. 595; viii. 767  
 Dadar, railway to, ii. 241  
 Dadscho tribe, Sudan, xi. 574  
 Dafia hills, Himalayas, v. 617, 620  
 Dagua river, Columbia, v. 261  
 Dahae, ancient tribe of the Parthians, i. 169 *note*.  
 Dahbu river, W. Africa, xii. 168  
 Dabina pass, i. 55  
 Dahistân, vii. 288  
 Dahlgren, E. W., secretary of the Stockholm Geographical Society, v. 47, 177, 496  
 Dabna Islam stream, Afghanistan, vii. 286, 562  
 Dahomey, extent of, vi. 620; maps of, D'Albea, xiv. 430, 531; Koch, xii. 442; of Dr. Bayol's itinerary, xiii. 62; Three Months' Captivity in, Chaudoin, xiv. 341 †  
 Dahshur, Egypt, ix. 618  
 Daiki river, E. Africa, xii. 147  
 Daka fort, i. 43  
 Dakar to St. Louis, railway from, v. 37  
 Dak-i-Khushab, viii. 145  
 Dakota, Cowboys and Colonels: journey across, Conn. ix. 461 †; black hills of, topographical and geological atlas of, iv. 256; country and railroad maps of, xii. 573, 574; made a state, viii. 270; population of, xiii. 183  
 Daksong-chu river, ix. 371  
 D'Albea, M. A., journey up the Mono, W. Africa, xiii. 178  
 D'Albertis, L. M., v. 505, 516, 731; Journeys up the Fly River, etc., New Guinea, i. 4\*; New Guinea: What I did, and What I saw, ii. 783 †  
 Dalboquerque, A., the Commentaries of, transl. Birch, ii. 588 †  
 Dalhousie springs, Central Australia, xiii. 356; Lindsay at, xi. 632  
 Dalichai river, Persia, v. 64, 66  
 Daliki, Persia, v. 152  
 Dall, W. H., early expeditions to Behring Sea and Strait, xiv. 572 †; map of Alaska, etc., vi. 361; on the Chukches, etc., iii. 568; on the surveys about Behring Straits, iii. 47  
 Dallas, W. L., Climatology of Afghanistan, xiv. 131 †; the Winds and Monsoons

*Dallas, W. L.—continued—*

- of the Arabian Sea and North Indian Ocean, x. 473 †  
 Dalles of the Columbia, the, i. 700  
 Dallman, Capt., expedition in New Guinea, viii. 719  
 Dalmatia, Jackson's Work on, and the Quarnero, Istria, etc., ix. 648 †; the Roman province of, Cons, iv. 245 †  
 Dalp, J., Topographischer Atlas der Schweiz, i. 224  
 Dalton, Gen. E. T., obituary of, iii. 109  
 Daly, D. D., explorations in the Malay Peninsula, iv. 393\*, v. 382; in British North Borneo, x. 1\*; on Sandakan harbour, x. 24; death of, xi. 610  
 Daly, Mrs. Dominic, Digging, Squatting, and Pioneering in North Australia, x. 52 †  
 Dalzell, Sir R. A. O., obituary of, viii. 436  
 Daman-i-Kuh, iii. 534  
 Damara-land, v. 660, vi. 25; Boers' emigration to, ii. 316; journey in, Thomas, ii. 368; population and extent of, i. 710  
 Damavand. *See* Demavend.  
 Damiau, J., Tiefenkarte des Cordonazzo und des Levico-See's, xiv. 429; des Molveno See's, xii. 772  
 Dampier island, volcano of, v. 511  
 Dampier Straits, new route to China through, v. 515  
 Dana, Prof. J., Areas of Continental Progress in North America, etc., xii. 302 †; Corals and Coral Islands, xii. 307 †; on deep troughs of the oceanic depression, xi. 244, xii. 557; on the Volcanoes of the Hawaiian Islands, xi. 516 †  
 Dana river, E. Africa. *See* Tana.  
 Danakil, Notes on, Scaramucci and Giglioli, vii. 618 †  
 Danao plain, Borneo, iv. 117  
 Dankelman, Dr. von, Zur Kenntniss des Klenias des Deutschen Togolandes, etc., xii. 301 †; Die Meteorologischen Beobachtungen der Güssfeldt'schen Loango-Expedition, i. 149 †; map of the Cameroons District, x. 799  
 Daudan-i-Shikan, Central Asia, i. 254  
 Dande river, Africa, v. 268, 692  
 Dandi, Mount, East Africa, x. 451  
 Danenhower, Lieut. J. W., on Arctic exploration, vii. 819; on survivors of the *Jeannette* expedition, iv. 159; The Polar Question, viii. 346\*  
 Danga Gol river, ix. 747  
 Dangi, Nguru chief, v. 521, 523, 525  
 Dängla range, Tibet, vii. 70. *See* Tang-la.  
 Daniel, H. A., Handbuch der Geographie, iii. 507 †; Lehrbuch der Geographie, etc., i. 151 †; Leitfaden für den Unterricht in der Geographie, i. 151 †  
 Daniel, Rev. Canon, on the scientific aspects of geographical education, viii. 200; on the scope and methods of geography, ix. 167  
 Daniloff, M., on the bifurcation of the Oxus, viii. 58; projected connection of Caspian and Black Seas, i. 715

**Danish—**

- Arctic expedition in the *Djynphna*, the, v. 166  
 Charts, ii. 79, x. 483, xii. 255  
 Discoveries on the east coast of Greenland, i. 668  
 Expedition for the relief of Lieut. Hovgaard, iv. 754  
 Expedition to Arctic Regions, vii. 542  
 Expeditions to Greenland, iv. 104, vi. 344, 538, viii. 398; (East) Ryder's, xii. 292, 468, xiii. 297, 688, xiv. 193, 711  
 Explorations in Greenland, i. 331, 520, iii. 50, vii. 245, 385, 818, xi. 435, xiii. 112; Rink on, x. 238  
 Geographical Exhibition, 1882, iv. 424; Geographical Society, meeting of, Feb., 1880, ii. 268  
 Polar meteorological expedition, iv. 232, 233, v. 166  
 Scientific expedition of 1884, in the *Fylla*, vii. 177  
 West Indies, Leaflets from, Taylor, xi. 121 †

**Danube—**

- Panorama of the, Passau to Linz, x. 400  
 Regulation of the Theiss and, Von Vilovo, i. 740 †  
 The Balkan, Save and, Leger, vi. 168 †  
 Works for Regulating the, erected, 1873-86, xi. 696 †  
 Danubian Populations, de Rosny, v. 182 †  
 Danvers, F. C., Bengal; its Chiefs, Agents, and Governors, x. 737 †; Report on the Records of the India Office, ix. 462 †  
 D'Anville. See Anville, de.  
 Daour tribe, Kulja, ii. 497  
 Dapha Büm mountain and valley, ix. 25  
 Daphnae, Isthmus of Suez, wind and action at, xi. 647, 648  
 Dapontès, C., Ephémérides Daces ou Chronique de la Guerre de Quatre Ans. (1736-39), xi. 313 †  
 Dara, Province of, viii. 41  
 Daragaz district of Khorasan, iii. 513, 529  
 Dara Kul village, S.W. Persia, xii. 543  
 D'Aramon, M., Le Voyage de, ix. 316 †  
 Dara Nur, valley, Kafiristan, i. 714, iii. 279, 283; Simpson on, i. 802. See Nur.  
 Darapsky, Dr. L., Las Aguas Minerales de Chile, xii. 641 †  
 Darbel, M. Marin, visits to Vanikoro island, v. 741  
 Darchendo. See Ta-chien-tu.  
 Dardistan, Central Asia, iii. 294, 295  
 Dar-es-Salaam, Dr. Kirk's visit to the district of, iii. 308; Native Routes from, to Lake Nyasa, Keith Johnson, i. 417 \*; road from, to the interior, Mackinnon and Buxton, i. 94, 95, 129, ii. 265, v. 542  
 Darfur, map of, ii. 718  
 Daria village, Persia, v. 139  
 Daria-lyk, old bed of Oxus, iv. 222  
 Darien, Polakowsky on the Cumos or Tull Indians of, viii. 723  
 Darjiling, Sikkim, iii. 322  
 Darmachie island, vii. 112

- Darroz, Valley of the, A Journey in Somaliland, Révoil, iv. 514 †  
 Darwaz, vi. 492-500; Journeys in, Kossiakof (1882), viii. 32 \*, Regel, iv. 412, vi. 613 (map); note on, Rawlinson, vi. 510  
 Darwazi pass, i. 55  
 Darwin, Ch., Coral Reefs, xii. 708 †; researches in the Galapagos islands, ii. 746; voyage of the *Beagle* †, xi. 754, xii. 308; obituary of, iv. 314; proposed memorial to, iv. 380  
 Darwin, Capt. L., Short History of Basutoland, viii. 405 †  
 Darwin, Francis, Life and Letters of Charles Darwin, x. 53 †  
 Darwin, Prof. G. H., on the rigidity of the earth, vii. 688, 589  
 Darwin, Mount, E. Africa, xii. 149  
 Darwin, Port, longitude of, C. E. Peck, v. 488  
 Darya-i-Namak, salt marsh, Persian desert, xiii. 645, et seq.; depth and origin of, xiii. 651-654  
 Dasht-i-Bedaulat plain, Afghanistan, ii. 213, 537, iii. 83  
 Dasht-i-Bidan, Turkestan, vi. 512 and note  
 Dasht-i-Kavir, xii. 586  
 Dasht-i-Khak, village of, Persia, v. 142  
 Dasht-i-Nazir, village, Persia, v. 61  
 Dashtistan, Southern Persia, v. 716  
 Dashwood, General, on Labrador, x. 204; on the resources of Newfoundland, x. 652  
 Daurbrée, A., Les Eaux Souterraines aux Époques Anciennes, x. 544 †; A l'Époque Actuelle, *ibid.* †  
 D'Augis, M. V., ascent of the He-hô river, Tongking, iv. 608  
 Daulatabad river, v. 3; village, S. W. Persia, xii. 538  
 Daulatyar, Afghanistan, vii. 668  
 Dauphny Alps, Guide to the, Coolidge, Duhamel, and Perrin †, ix. 710, xii. 243  
 Dauphny, Society for Tourists in, v. 298  
 Dautli, Khorasan, iii. 527  
 Dauvergne, M., explorations in the Hindu Kush, xi. 49, xii. 45, 96, 233, 567; in Chinese Turkestan, Notes on, Walker, xiv. 779 \*; exploration dans l'Asie Centrale, xiv. 868  
 Davadava river, New Guinea, viii. 597  
 Davāzdah Imām village, Persia, x. 629 note.  
 Davenant, Sir W., early work on Madagascar, i. 653  
 Davenport, A., on meteorological phenomena in China, ii. 372  
 David Island, Franz-Josef Land, v. 205  
 David, Père, xiii. 329  
 Davidson, J. W., The Florida of To-day, xi. 189 †  
 Davidson, Prof. G., Identification of Drake's Anchorage on the Coast of California, xii. 505 †; on the position of Mount St. Elias, xi. 611; on the relation of Plover Island to Wrangell Land, iii. 761  
 Davidson, T. M., Geography of the British Isles from ten different standpoints, ix. 710 †



- Davies, Mr., explorations in North Borneo, x. 141, 143
- Davis, E. J., *Life in Asiatic Turkey*, i. 343 †
- Davis, John, early visit to Hudson's Strait, x. 550; *Life of, C. R. Markham*, xi. 701 †; *Voyages and Works of, edit. A. H. Markham*, ii. 326 †
- Davis, J. D., *Contributions Towards a Bibliography of New Zealand*, x. 478 †
- Davis, Rev. W. J., *Kafir-English Dictionary*, i. 202 †
- Davis Strait, vii. 612; German meteorological expedition to, iv. 293
- Davis, W. M., *The Geographic Development of Northern New Jersey*, xii. 706 †; structure and origin of glacial sand plains, xii. 708
- Davoust, M., exploration of the Upper Niger, viii. 650
- Dawar valley, i. 48, 49
- Dawkins, Prof. Boyd, on geographical teaching, viii. 706; on the late Prof. Freeman, xiv. 403; on the teaching of geography at the Universities, ix. 700; the beginning of the geography of Britain, ix. 696; the former connection between North America and the eastern side of the Atlantic, vi. 682
- Dawnay, Hon. G. C., obituary of, xi. 422
- Dawson, Captain H. P., grants of instruments to, v. 415; on depth of frozen soil at Fort Rae, viii. 741
- Dawson, Commander L. S., *Memoirs of Hydrography, etc.*, vii. 409 †; report on the Marine Survey of India, vii. 45; surveys by, v. 600
- Dawson, Dr. G. M., *Elementary Geography of the British Colonies (in part)*, xiv. 577 †; explorations in British Columbia, ix. 758, x. 382; of Queen Charlotte Islands, ii. 577; of the Yukon District, Report on, xi. 46 †; The Kwakiwot People of Vancouver Island, x. 478 †; On the Glaciation of the Cordillera, xiv. 342 †; on the prairie fires of N. America, xiv. 95; on the unexplored regions of Canada, xii. 555; Report on Geological and Natural History Survey of Northern Canada, iv. 516 †
- Dawson Range, British Columbia, xi. 158
- Dawson, Sir J. W., *The Geology of Nova Scotia*, New Brunswick, etc., xiii. 740 †
- Dayul plateau, Tibet, vii. 75
- Dead Men's Isle, North America, v. 650
- Deane, H. S., survey of Perak, ii. 438
- Death valley, California, xiv. 311
- Debaize, M., death of, at Ujiji, ii. 248; expedition in Central Africa, i. 207, 402; *Mission dans l'Afrique Centrale*, Rabaud, ii. 709 †
- Debay, Mr., visit to the Red Sea petroleum deposits, viii. 505
- Debes, E., *Karte v. Unter Egypten*, iv. 709
- De Bissy, R. de L., *Carte d'Afrique*. See Africa.
- De Boucherville Port, Labrador, vii. 341
- Debrecka river, W. Africa, vii. 183
- Debu, Lake. See Dheboe.
- De Castro, D. João, *Roteiro de Lisboa a Goa*, anotado por J. de Andrade Corvo, iv. 518 †
- Decazes, M., journey in the Congo region, ix. 457
- Deccan plateau, iv. 458; rainfall of, viii. 682, 683
- Deception Point, New Guinea, v. 511
- Déchy, M. de, explorations in the Sikkim Himalaya, ii. 124; visit to the Caucasus with Mr. Freshfield, ix. 617, 767; ascent of Caucasian peaks, x. 690; Bergreisen im Kaukasus, xi. 186 †; on glacier movements, xiv. 455; *Orography and Glaciology of the Central Caucasus*, xiv. 340 †; the Ascent of Maglich, xiv. 340 †; *Travels in Caucasus Mts.*, xiv. 340
- Decken, Baron von der, ascents of Kilimanjaro, v. 379; of Ozi river, xiv. 530
- Décle, M. L., expedition in Matabeleland, and on the Upper Zambezi, xiv. 325, 719
- De Costa, B. F., *Myvyrrian Archaeology*, xiii. 242 †
- Decotter, N., *Géographie de Mauricie et des ses Dépendances*, xiv. 132 †
- Deep-sea soundings, iii. 628; in connection with Submarine Telegraphy, Stallibrass, x. 399 †
- Deer river, North America, v. 645
- Deering hills, Australia, xiv. 182
- Deforges, Commandant, on pendulum observations for measuring gravity, xi. 601
- Deffers, M., journey in Arabia, xii. 357
- Degree, the Measurement of the, xiv. 662 †
- De Groot, Dr. J., *Het Kongswezen van Borneo*, viii. 600 †
- De Gubernatis, E., *Carta d'Epiro*, ii. 463
- Dehgan tribe, Kafiristan, iii. 282
- Deh-i-Diz, S.W. Persia, v. 148, xii. 549
- Deh-i-Kamran, vii. 162
- Dehistan, province, Transcaspiia, i. 169; ruined cities of, i. 177
- Deichmann, L., map of Harz mountains, v. 435, vi. 486, vii. 697; of Niagara Falls (with view), viii. 64
- Deisenhammer, Dr., *Meine Reise um die Welt*, iv. 578 †
- De Kaap and Komatie Gold-fields, map of, Troye, x. 114
- Delafontaine, M. A., *Le Midi de la France depuis la Loire*, vii. 127 †; *Le Nord de la France jusqu'à la Loire*, vii. 127 †
- Delagoa Bay, Its Natives and Natural History, by Rose Monteiro, xiii. 739 †; Journeys in the District of, 1886-87, O'Neill, ix. 497 †; Portugal and the railway at, correspondence respecting, xii. 240 †; surveys of, v. 595
- Delalande, Lieut. G., cruise along the coast of Gulf of Guinea, x. 472
- Delanneau, Captain, on the Baumako country, v. 427
- Delaporte, L., *Voyage au Cambodge*, ii. 199 †



- De las Peñas, D. G. G., carta geográfico-  
enciclopédica de Cuba, iv. 454
- De Launay, Description Géologique des  
lacs de Méthlin, xiv. 658 †
- Delcommune, M., expedition in the South  
Congo territory, xii. 554; ascent of the  
rapids of the Mobangi, xiii. 722
- Deléage, P., Trois mois chez les Zoulous,  
i. 741 †
- Delbecque, M., survey of the deep lakes  
of France, xiv. 556
- Delesse, M., map of the Seine, v. 297
- Dellale, Dr., v. 560, 737
- Dellon, D., Relation de l'Inquisition de  
Goa, x. 745 †
- Deloncle, Fr., on the country of Perak, vi.  
351; expedition across the Isthmus of  
Malacca, vii. 252; carte politique de  
l'Indo-Chine, xiii. 61
- De Long, Commander, expedition of, in  
the *Jeannette*, iii. 888; iv. 29, 43, 90, 159,  
289, 332, 375, 422, 607; records at last  
station of, iv. 289, 290; Ship and Ice  
Journals of (Voyage of the *Jeannette*),  
v. 379, 747 †; letter of sympathy from  
R. G. S. to widow of, vi. 154
- Delorme, Père, on the native tribes of the  
Ogowé, iii. 363
- Delporte, Capt., observations on the Lower  
Congo, xiii. 361, 393
- Demavend, Mount, v. 169, 170; altitude  
of, x. 86; Notes on, by General A.  
Houtum-Schindler, x. 85 †; Sven  
Hedin's ascent of, xiv. 565
- Dém Bekir, latitude of, vi. 251; position  
of, ix. 315
- Dembo, latitude of, vi. 251
- Demerara, British Guiana, progress of,  
xiii. 567
- Demirlik, latitude of, x. 162
- De Mot, Ch., mapa de la provincia de  
Buenos-Aires, iii. 120
- Dempo, Mount, Sumatra, v. 408
- Dem Suleiman, ii. 362
- Dem Ziber, latitude and height of, vi. 251
- Deurowski, K., Sanitäts-Karte der Buko-  
wina, ii. 395
- Dennau to Alang Wells, Route from, iii.  
726
- Denger, Lama monastery of, China, ii. 700
- Denhardt, Cl. and G., explorations of the  
Tana river, i. 383, xii. 181, xiv. 531;  
Karte des Unteren Tana-Gebietes, vi.  
361; new journey in East Africa, vii.  
399
- Deniker, J., Classification des Races  
Humaines, xii. 642 †
- Denis, A., Hyères, Ancien et Moderne, iv.  
440 †
- Denizli, latitude of, x. 162, 163
- Denka. See Dinka.
- Denmark—**  
Handbook for Travellers, Murray, v.  
564 †  
Highest hill in, viii. 724  
Maps of—Danish Government, iii. 765,  
ix. 705, xi. 753, vii. 772, viii. 751, ix.

**Denmark—continued—**

- 723, x. 745, xi. 702, xii. 709, xiii. 743;  
Mansa, i. 160  
Nautical training in, iv. 301  
Population of, xii. 670; map of, vi. 173  
State of geographical education in, vii.  
822  
Survey, Geodetic, of, Andra, vi. 354 †  
Denmark Sound, hydrographical obser-  
vations in, vi. 570
- Dennett, R. E., Seven Years among the  
Fjort (Congo District), ix. 132 †; visit  
to Diego Caô's "Padrao" at the mouth  
of the Congo, ix. 689
- Dennis, G., the Cities and Cemeteries of  
Etruria, ix. 517 †
- De Novo y Colson, P., Exploraciones  
Articas hechas en busca del Paso del  
Nordeste, ii. 591 †
- Dent, Ch. H., A Year in Brazil, viii. 536 †
- Dent, C. T., Donkin's Last Journey, xi.  
367 †; exploration of the Central Cau-  
casus, viii. 644; Mountaineering, xiv.  
809 †; remarks on Suanetia, x. 350; on  
the Alpine Regions of Alaska, ix. 284
- Dent, Sir Alfred, on Sarawak and Northern  
Borneo, iii. 206; on Agassiz's journey  
from Haiphong to Canton, xiii. 262
- Denton, G. C., treaties with chiefs of  
North-West Lagos, xiii. 685
- Denton, Professor, death of, v. 656, vi. 47
- D'Entrecasteaux islands, Exploring Ex-  
pedition to, Thomson, xi. 525 †; Sir W.  
MacGregor's visits to, xiv. 327
- Denys, Sir F., on gold in Lower Cali-  
fornia, xi. 562
- Deo-kwa peak, Tong-king, viii. 231
- Depelchin, Père, expedition to the Upper  
Zambesi, ii. 433, 694; on the native  
tribes of the Zambesi, v. 167
- Déperet, Prof., Orographie du Plateau Cen-  
tral (France), xiv. 721 †
- Deporter, Commandant V., Extrême Sud  
de l'Algérie, xiii. 53 †
- Depping, M. G., Petit's journey in Western  
Africa, v. 175; on the rights of carto-  
graphers, vi. 478
- De Pré, Col., Report on the Survey of India  
Department for 1882, 1883, vi. 749 †
- Derbe, Asia Minor, xiv. 56
- Derby, Australia, ix. 696
- Derby, O. A., Physical Geography and  
Geology of Brazil, vii. 488 †; Geogra-  
phia Physica do Valle do Rio Grande,  
viii. 749 †; on the river named Chand-  
less, Brazil, x. 795
- Derbyshire, Murray's Handbook for travel-  
lers in, xiv. 866 †; the Peak District  
of, Baddeley, iv. 439 †
- Déré Gaioura village, viii. 98
- Derebistan village, S.W. Persia, xii. 543
- Deregez Atok, Turkestan, i. 183, 185  
note, 186, 190
- Dérégonale to Baräwa, itinerary, vi. 272
- Derenbourg, H., Ousäma Ibn Mounkidh,  
un Emir Syrien au premier siècle des  
Croisés, xi. 631 †

- De Rhins. *See* Rhins, de.  
 Dermot and the Earl, the Song of, Orpen, xiv. 578†.  
 Dermott, Rev. J. V., visit to Ukerewe island, Victoria Nyanza, xiv. 120.  
 De Robiano, Le Comte Eugène, Chili, v. 49†.  
 Derrécaignax, Col., on the preparation of maps, xi. 556.  
 Derrien, Commander, carte du Haut Sénégal, iv. 453; medal awarded to, by Paris Geographical Society, v. 358; results of his mission, v. 359.  
 Desadeleer, Frère, journey to Umzila's country, iv. 228.  
 Dessaguadero river, Bolivia, Exploration of, Billingham, iv. 647†.  
 De Saussure, M., first ascent of the Alps, ix. 281.  
 Desbordes. *See* Bognis-Desbordes.  
 Desbuissons, E., carte de la délimitation Franco-Portugaise en Guinée, ix. 211.  
 Deschamel, P., Les Intérêts Français dans l'Océan Pacifique, xi. 516†.  
 Deschamps, L., Histoire de la Question Coloniale en France, xiv. 871†.  
 Deschamps, Gen., on the Veddas of Ceylon, xiii. 51.  
 Deschutes river, Oregon, i. 395, 698.  
 Des Enfants, North America, v. 640.  
 Desgodins, Abbé, exploration of the Eastern frontier of Tibet, iii. 313; on the course of the Sampo river, iii. 314; Le Thibet, vii. 767†; on the Lu river, ix. 361, 362; on the orthography of geographical names, ix. 313; work in Central Asia, xii. 175.  
 Desht-i-Safiddar, Persia, v. 714.  
 Desjardins, M. Ernest, on the ancient town of Zama, v. 298.  
 Desor, E., La Forêt Vierge et le Sahara, i. 346†.  
 Des Seins river, North America, v. 646, 647.  
 Dessi (Disel), Island of, vii. 107.  
 D'Estrey, Dr. M., La Papouasie on Nouvelle-Guinée Occidentale, ii. 190, xi. 125†; on the population of Sumatra, xiv. 564.  
 Dévadhunga peak, viii. 92.  
 Dévala, S. India, vii. 726.  
 Develi Kara Hissar, latitude of, x. 163.  
 Deverell, F. H., photographs of Andorra, xii. 648; map of Andorra, xii. 709.  
 Devereux, W. C., Fair Italy, vi. 424†.  
 Deveria, G., Histoire des Relations de la Chine avec l'Annam-Vietnam du xvi<sup>e</sup> au xix<sup>e</sup> siècle, ii. 324†; La Frontière Sino-Annamite, xii. 360†.  
 Deville Glacier, Selkirk range, xiii. 554, 555.  
 Devon, Guides to, Baddeley and Ward, xiv. 424†.  
 Dewey, F. P., Bulletin of the United States National Museum, xiv. 572†.  
 De Windt, H., Siberia as it is, xiv. 424†.  
 De Winton, Sir F. *See* Winton.  
 Dhaoladhar ridge, v. 616, 617, 620, 621.  
 Dheboe, Lake, West Africa, x. 165.  
 Diamond mines, Ancient India, Ball's identification of the sites of, iv. 98, 640.  
 Diampwe river, Central Africa, xii. 152.  
 Diaramook tribe of Formosa, xi. 237.  
 Dibong river, Tibet, iv. 676, x. 581, 582, xii. 387, xiii. 415; Nodham on, xi. 440.  
 Diehu river, Tibet, v. 665, vii. 70, 73, 75.  
 Dickens, F. V., Prefaces, etc., to Fugaku-Hiyaku-Kei (Views of Fuji), iii. 59†.  
 Dickert, L., relief map of Central Europe, v. 627.  
 Dickson, Capt., visit to German New Guinea, viii. 332.  
 Dickson haven, i. 22; proposed Dutch meteorological station at, iv. 570; not founded, v. 378.  
 Dickson, H. N., on the need for teaching in meteorology, xiv. 714; on the physical conditions of the waters of the English Channel, xiv. 628.  
 Dickson, Oscar, on supposed ancient map discovered by Nordenskiöld, v. 556; munificence towards Arctic expeditions, v. 562, 563.  
 Dickson pass, Owen Stanley range, xii. 213.  
 Dickson, W. G., Gleanings from Japan, xi. 393†.  
 Dickson, W. J., on the population of Colombia, x. 168.  
 Dickson, W. P., Translator of Mommsen's Provinces of the Roman Empire, ix. 263†.  
 Didessa river, Abyssinia, v. 552.  
 Didy marsh, Madagascar, xiii. 106.  
 Diedenhofen, map of the neighbourhood of, v. 51.  
 Diefenbach, L., Völkerkunde Osteneuropas, ii. 199†.  
 Diego, E. C. de, Viajes en el Polo Norte i. 409†.  
 Diego Garcia, Island of, Bourne on, viii. 385\*; Régnaud on the name of, vi. 467; population, products, etc., of, iv. 166.  
 Diego-Suarez, Madagascar, map of, xiii. 511.  
 Diele, position of, ix. 189.  
 Diener, Dr. C., Libanon: Grundlinien der Physischen Geographie und Geologie von Mittel-Syrien, ix. 259†; Der Gebirgsbau der Westalpen, xiv. 130†.  
 Diercke, C. and E. Guebler, Karte vom Harz, ix. 591.  
 Differential-gravity meter, British Association Committee on, vii. 675.  
 Diggos island, Hudson's Strait, x. 562.  
 Dihong river, S.E. Tibet, i. 126, 594, iv. 258, 319, 320, 676, viii. 425; discharge of the, vii. 320, x. 582.  
 Dijnphna and Varna expedition, iv. 630, v. 166, 176, 177, 348, 378, 379, 556, 603, 660, 733, vi. 49, 167.  
 Dijon, M. Martel's explorations of caverns near, xiv. 467, 556.

- Dikhtau. *See* Dychtau.  
 Dikomo island, Lake Nyasa, i. 293  
 Dilger, Rev. G., journey to Kumawu, 1883, viii. 248  
 Dil-Gusha, Southern Persia, v. 138  
 Dilke, A. W., on Morgan's journey to Kuldja, iii. 165  
 Dilke, Sir C. W., Greater Britain, vii. 489†; Problems of Greater Britain, xii. 362†  
 Dillon, or Colugnape, Lake, Patagonia, v. 86  
 Dillon, Jas., automatic sounder, vi. 676  
 Dinarte, S., Innocencia, xi. 752†  
 Dineir, latitude of, x. 162  
 Dinghi village, Kebbi river, xiii. 469  
 Dingiz Lake, Central Asia, iv. 169  
 Dingri, town of, Tibet, x. 90  
 Dinka tribe, Central Africa, vi. 246; revolt of, ix. 409  
 Dinnik, M., journey in the Caucasus, vii. 599, 602  
 Dir, Kafiristan, height of, v. 552, vi. 7  
 Disco bay, Greenland, vii. 178  
 Disco island, iron blocks of, v. 364  
 Discoveries, History of the age of, Ruge, iii. 638†  
 Discovery Harbour, ice formation in, viii. 166  
 Dishek, Afghanistan, vii. 581  
 Dismal Swamp district, Virginia, xiv. 343  
 Distant, W. L., a naturalist in the Transvaal, xiv. 503†; reminiscences of Mr. Bates, xiv. 250  
 Dittrich, Lieut., journey in Australia, xi. 651  
 Dixie, Lady F., Across Patagonia, iii. 190†  
 Dixon, Hepworth, remarks on Cyprus, i. 732  
 Dixon, J., on Morrison's journeys in China, ii. 162  
 Dixon, Lieut., survey of Gascoyne river, v. 597  
 Dixon, W. H., obituary of, ii. 132  
 Dizeh or Dizeh-Rud, Afghanistan, vii. 580 and *note*  
 Dizful, Persia, v. 126, 127, 154, 155, xii. 524, 529  
 Djalo, position of, i. 534  
 Djanga mount, Caucasus, ix. 767  
 Djassaktu tribe, Central Asia, x. 497  
 Djebel. *See* Jebel.  
 Djen, village of, Benue river, xiii. 460  
 Djerba, Island of, viii. 524  
 Djiber pass, Caucasus, x. 690  
 Djofra cases, i. 341  
 Djukoff, M., alteration of position of Dychtau, xi. 672 *note*  
 Djuku tribe, Benue river, xiii. 458  
 Deab, the, junction of two streams, Persia, v. 78  
 Dobree, T. S., explorations in North Borneo, x. 134, 135; report on the same, iv. 116  
 Dobruja country, account of, Cumberbatch, viii. 49  
 Dobson, G., Russia's Railway Advance into Central Asia, xii. 435†  
 Dobwayn marsh, Somaliland, vii. 637  
 Döce, Rio, Brazil, District and People of, Ehrenreich, viii. 346†; valley of, Steains, ix. 702; explorations of, Steains, x. 61\*; valuable woods, minerals, and climate of, x. 65, 66  
 Dodabetta peak, S. India, vii. 727  
 Dodanin, origin of the word, i. 107  
 Dodge, Lieut., on the prairie fires of North America, xiv. 82  
 Dodman, G. S., a Voyage Round the World in 500 Days, ii. 73†  
 Doelter, Cornelis, To Senegambia, *vid* the Cape Verde Islands, v. 744†  
 Doenyo Ngai mt., E. Africa, i. 93  
 Doering, Dr. Adolf, Report on Expedition to the Rio Negro, vi. 102†  
 Doering, Oscar, Meteorological observations in Argentine Republic, viii. 800; Temperature Variations in the same, x. 108†  
 Döös-meghene-ora mts., Central Asia, xii. 668. *See* Doss.  
 Dogaron, Turkoman country, v. 10  
 Dogkwas of the Tsaparang district, i. 452  
 Dog-rib Indians, Athabasca, v. 649, 650  
 Do-gumbaz, Persia, v. 160  
 Döhne, J. L., a Zulu-Kaffir Dictionary, i. 202†  
 Doi Chiang Dow Mountain, xiii. 704  
 Dolisie, M., journey in W. Africa, vii. 51  
 Döllen, W., Zeitstern-Ephemeriden auf das Jahr 1886, ix. 576†  
 Dolomite Region, Lederg, ii. 269†  
 Dolomites, hypsometry of the, x. 454  
 Domasi Mission Station, Mount Zomba, x. 25  
 Domingo, Santo. *See* Santo D.  
 Dominica and its boiling lake, Nicholls on, i. 521; ascent of mountains in, Marshall and Watt, i. 596; volcanic eruption in, Eldridge on, ii. 363  
 Dominion surveys, Trelawny Saunders on, vi. 675; in the North-West, Russell on, vi. 682  
 Don and Volga, map of country between, Dru, viii. 751  
 Don (Yorkshire), Valley of the, C. R. Markham, i. 675\*  
 Donaldson, T., the Public Domain of the United States, its History, etc., vi. 608†  
 Donat, Captain Von, on the drainage of the Pontine marshes, xiv. 421  
 Donau. *See* Danube.  
 Donetz coal-basin in South Russia, x. 305  
 Dong, limestone peaks near, viii. 240  
 Doug-lam town, viii. 239  
 Dong Phraya Fai forest, Siam, x. 123  
 Dong-sung valley and village, viii. 230, 231  
 Dongusorun, Caucasus, height of, x. 688, xiv. 111; pass of, x. 691

- Donkin, W. F., exploration (with Dent) of the Central Caucasus, viii. 644; journey (with Fox) in the Caucasus, x. 686, 687; disaster to, x. 790; obituary of, x. 715; locality, etc., of accident, xi. 559; Dent on the Last Journey and Photographs of, xi. 367\*; photographs of the High Alps, xi. 128; Freshfield's Search for, xii. 261\*
- Donner, A., *Astronomiska Iakttagelser*, etc., vii. 695†
- Donop, Mr. L. B. von, travels in North Borneo, v. 350, x. 141
- Donoughmore, Lord, on Ross's journey to the head waters of the Ucayali, xiv. 393
- Donyo Ngai, E. Africa, iv. 738
- Dopenti peak, Chola range, iii. 332
- Dopulan, formation of cliffs at, v. 149; itinerary from, to Ispahan, xii. 551
- Dora Pass, Hindu Kush, i. 112
- Dorandt, M., positions on the Lower Oxus, i. 515
- Dori river, i. 198
- Dorian Peninsula and Gulf, Spratt, viii. 410†
- Dormoy, A., *Notions sur le Mascarat du Seine*, xiv. 721†
- Dornseiffen, Dr. J., *Nomina Geographica Neerlandica*, vii. 553†
- Dorsey, J. O., the Cegiha Language, xiv. 572†
- Doruna town, Persia, xii. 592
- Do Shakh peak, height of, vii. 276
- Dos Santos on the ruins of Zimbabwe, xiv. 281, 291
- Dosseray, J., *Carte Physique*, etc., de la Belgique, iii. 250
- Doss-megen-ora mountains, Central Asia, xii. 668, xiii. 209, 211, 213, 384
- Donai, geographical congress of the north of France, at, v. 427
- Doughty, C. M., visit to the rock city of El-Hejjer, Arabia, i. 454; maps illustrating routes of, in Arabia, Kiepert, iv. 450; Travels in N. W. Arabia and Nejd, vi. 382\*; Documents Epigraphiques recueillis dans le Nord de l'Arabie, vi. 683†; Travels in Northern Arabia, viii. 541†; in A. Deserta, x. 314†; award of Gill memorial to, x. 300, 468
- Douglas, A. E., on a rainy period in Southern Peru, xiv. 861
- Douglas, Mount, New Guinea, xi. 606, xii. 210, 213
- Douglas, R. K., China, viii. 211†
- Douliot, M., mission in Madagascar, xiv. 242
- Douls, C., journey in the Western Sahara, ix. 760, x. 102; assassination of, xi. 561, xii. 297
- Douthwaite, A. W., Notes on Corea, vi. 747†
- Doye, Dr. K., on culture-zones in Abyssinia, xii. 253; Das Klima des Ausser-tropischen Südafrika, etc., xi. 253†; Niederschlagsmengen am Kap der Guten Hoffnung, xiv. 871†
- Dove, Prof., death of, i. 341
- Dover cliffs, Stanley Pool, v. 575, 577
- Dowie, Miss M., journey in Ruthenia, xii. 674
- Doyle, Denis, journey through Gazaland, xiii. 588
- Dragon lake of Pamir, Rawlinson on, ix. 69
- Dragon, the Land of the, Percival, xi. 512†
- Drake, Sir Francis, and the falcon of gold, v. 407; Anchorage on the Coast of California identified, Davidson, xii. 505†
- Drakensberg range, Basutoland, x. 249, 519; visit to the Giant's Kop, Seton-Karr, xi. 678
- Dranga-jökull glacier, Iceland, x. 307
- Drapeyron, L., *Carte de l'Île de Chypre*, i. 157; on the establishment of a school of geography, vi. 350, 423; on the relation of topography to geography, xiv. 703
- Dras, Himalayas, v. 615, 619
- Drasan, height of, Kafiristan, vi. 14
- Drayson, Capt. A. W., *Sporting Scenes amongst the Kafirs*, i. 202†
- Drayton, M., *Poly-Olbion*, x. 609†
- Drayton-Gibbes, C., map of California and Nevada, i. 750
- Dresden, Geographical Society of, proceedings of, iii. 57; German Geographical Congress at, viii. 473; plan of, viii. 741, ix. 326
- Dressel, F., ascent of Mount Roraima, x. 166
- Drew, Frederick, obituary of, xiv. 52
- Drew, Mr., on geographical appliances, viii. 125
- Drosinis, G., *Land und Leute in Nord-Eubœa*, vi. 235†
- Droysen, Prof. J. G., *Allgemeiner Historischer Hand-Atlas*, etc., vii. 416
- Dru, Léon, *Carte du pays entre le Don et le Volga*, viii. 751
- Drude, O., *Die Florenreiche der Erde* (with maps), vi. 358†; *Handbuch der Pflanzen-Geographie*, xiii. 186†
- Drummond, C. S., on navigation to Hudson's bay, x. 567
- Drummond, Hon. W. H., Sport in South-Eastern Africa, i. 202†
- Drummond, Prof. H., expedition to Lake Nyasa, v. 405, xiii. 90, 91; Tropical Africa, x. 475†; visit to Lake Shirwa, vi. 39
- Drury, Admiral Byron, obituary of, xi. 422 v. 405, xiii. 90, 91
- Drury, Col. H., *Reminiscences of Life and Sport in Southern India*, xii. 637†
- Drury, Robert, early journey in Madagascar, i. 645; new edition of, Oliver, xii. 638†
- Druten's Kaart van Utrecht, en omstreken, iv. 327
- Dry Bay, Alaska, ix. 279
- Drygalski, Dr. E. von, *Die Geoiddeformationen der Eiszeit*, ix. 720; expedition to West Greenland, xiii. 112, 732, xiv. 414; Grönlands Gletscher und Inlandeis, xiv. 875†

Dua river, Central Africa, xi. 329  
 Dualla Idrees, vii. 625  
 Dualla people, Cameroons, iv. 589; Land of the, Allan, x. 49 †  
 Duan (Normanby island), harbour in, xiv. 788, 794  
 Dubail, Carte de la Tunisie, iii. 444  
 Dübi, Dr., on the Pass of Hannibal, viii. 639, 641  
 Dubois, M., editor of new geographical serial, xiii. 689; Examen de la Géographie de Strabon, xiv. 730 †  
 Dubrovin, N. T., biographical sketch of N. M. Prejevalsky, xii. 363  
 Du Chaillu, Paul, the Land of the Midnight Sun, iii. 691 †; on Junker's journeys in Central Africa, ix. 419  
 Duck Portage, Athabasca, v. 643, 646  
 Duclout, J., Maps of the Republica Argentina, etc., x. 482  
 Ducondray, G., Histoire et Géographie Contemporaine, i. 151 †  
 Duern or Kakibbi river, Central Africa, ix. 440  
 Du Faur, E., tourists' map of Blue mts., New South Wales, i. 480  
 Duff, Sir M. E. Grant—  
 Annual addresses, xii. 373 \*, xiii. 381 \*, xiv. 353 \*  
 Letter to Lady Polly, xiv. 421  
 On the orthography of geographical names, xiv. 116  
 Remarks on papers dealing with:—  
 Alaska, etc., xiii. 85; Bahrein islands, xii. 19; Basardjui, xiii. 329; Brit. Cent. Africa, xii. 743; Central Africa (Stanley's journey), xii. 328; Challenger expedition, meteorological results, xiii. 157; China, Western, xiii. 348; Cilicia Tracheia, xii. 463; Columbus, xiv. 613; Cyprus, xi. 719; East Africa (Jackson and Gedge), xiii. 208, (Lugard) xiv. 839, 840; Gazaland, xiii. 591; Greenland, xi. 486; Himalayas, xiii. 423; Imèrina, Madagascar, xiv. 753; journey from Tonking to Canton, xii. 264; Karun river, xii. 532; Kilimanjaro, xii. 345; Korea, North, xiv. 161; Louisiade, etc., islands, xi. 540; Matebele and Mashonalands, xiii. 19, 21; Owen Stanley Range, xii. 222; Pamirs (Littledale), xiv. 35, (Younghusband) xiv. 232, 234; Persia, Eastern, xii. 595; Ptolemy and East Africa, xiii. 553; Shan States, xiii. 719, 722; Sierra Leone, xiv. 453; Solomon islands, xii. 418; Tana river, xiv. 533; Taurus, xiv. 58; Yoruba country, xiii. 591  
 Remarks on the death of Mr. H. W. Bates, xiv. 190; of Lord A. Russell and Mr. Murray, xiv. 337; on opening session, 1889-90, xi. 740; on presenting medals, etc., xii. 472, 475, xiii. 492, xiv. 485, 486; on Mr. Stanley, xii. 488, 500; miscellaneous, xiii. 505, xiv. 493-497

Dufferin, Lord, takes the chair as president, i. 73; remarks on Mount Cameroons, i. 240; on the Arctic expeditions of 1878, i. 34, 38; on the Bamangwato country, i. 244; resigns presidentship, i. 219  
 Duffy, B., the Tuscan Republics with Genoa, xiv. 865 †  
 Dufief, J., Carte de la Belgique, iii. 697, iv. 327; La Densité de la Population en Belgique, ix. 129 †  
 Dufl, position of, xi. 646  
 Dufour, General G. H., Karte der Schweiz, iii. 116, viii. 751  
 Dufoureq, M., on stations on the Lower Ogowe, vi. 481  
 Duglas inlet, Korea peninsula, v. 599  
 Duhamel, M., ancient map of Switzerland in possession of, viii. 205; Guide du Haut Dauphiné (in part), ix. 710 †  
 Duke, Rev. W. T., explorations of the affluents of the Purús, ii. 770, iii. 234, iv. 295  
 Duke, Surgeon-Major O. T., report on Thal-Chotail and Harnai Districts, v. 677 †  
 Duke of York islands, New Britain, iii. 85; Dictionary and Grammar of the Language of, Brown and Danks, ix. 59 †; German trading station at, viii. 552  
 Dukhan, Jebel, Bahrein islands, xii. 1, 8  
 Dukhan, Jebel, Egypt, ix. 632  
 Dukhter Kohil, Persia, v. 152  
 Duki river, Central Africa, xiv. 545  
 Dukuduku, Zululand, xiii. 433  
 Dumagudiam, India, i. 372  
 Dumala glacier, Caucasus, xii. 264  
 Dumas-Vorzet, M., awards of Paris Geographical Society's Erhard prize to, vii. 251, 547  
 Dumbure Range, Tibet, ix. 224  
 Dumeresq river, Queensland, v. 101  
 Dun, Capt. E. W., on native geographical information collected in Burma, xi. 215  
 Dunagiri mt., Mr. Graham's ascent of, v. 604, vi. 433, 434  
 Duncan, Captain, voyage to Hudson's Bay, x. 554  
 Duncan, Dr. J., journey in Dahome, iv. 485, xiii. 46  
 Duncan, F., The Royal Province of New Scotland and Baronies, i. 284 †  
 Duncau, G., Geography of India, ii. 521 †  
 Duncan, Mrs., death of, v. 692  
 Duncan glacier, Selkirk range, xiii. 554  
 Dunda station, E. Africa, ix. 494  
 Dundas, Capt., Expedition up the Tana, xiv. 513 \*  
 Dun Echt Observatory Publications: Mauritius Expedition of the Earl of Crawford and Balcarres, viii. 131 †  
 Dunedin and Invercargill Commercial, etc., Directory for 1886, Stone's, viii. 408 †  
 Dunes, Les, Réfutation des Théories de M. B. de Beaumont, Zobr-st, xi. 397 †  
 Dungan tribe, Kuldja, ii. 496, iii. 162, 167  
 Dungevan Fort, Athabasca, v. 652, 653  
 Dunkarita, Somaliland, xiii. 659  
 Dunlop, Robert H., obituary of, x. 244

- Dunlop, W. B., the March of the Mongol, xi. 187 †
- Dunn, T. W., on the scope and methods of geography, ix. 166
- Dunsford, H. A., the Opening of the Arctic Sea, xii. 641 †
- Duparquet, Pêre, v. 462, 466; explorations in Ovampoland, the Cunene district, etc., ii. 586, 628, iii. 43, iv. 96, viii. 455
- Dupleix range, Tibet, xiv. 195
- Duponchet, A., Le Chemin de Fer Trans-Saharien, i. 149 †
- Dupont, E., Account of Scientific work on the Congo, given before the Society of Engineers, x. 607 †; *Lettres sur le Congo*, etc., xi. 749 †; on the physical geography of the Congo, x. 234
- Doportail island and mount, New Britain, iii. 95
- Duprat, Vicomte A., obituary of, iii. 669
- Duprey, R., Geography of Mauritius, xiv. 871 †
- Dupuis, M., journeys in Indo-China, iv. 644; *L'Ouverture du Fleuve-Rouge au Commerce*, etc., i. 809 †
- Durand, Capt., ascent of Karajungul range, vii. 563
- Durani tribe, i. 200
- Durazo, Uruguay, ii. 669, 670
- Durbindagh peak, Syria, viii. 97, 98
- Dardikan river, Syria, viii. 97
- Durdur river, Somaliland, xiii. 686
- Durham, F. A., the Lone Star of Liberia, xiv. 871 †
- Durnford, Henry, Explorations in Central Patagonia, v. 84 \*
- Duro, Capt., on the Ships of the Columbian Period, xiv. 590 †
- D'Urseil, Le Cte. O., *Sud-Amérique*, i. 406 †
- Durukhs and Gask, carpet manufactories at, viii. 141
- Duruma, E. Africa, vi. 691; cultivation in, vi. 565
- D'Urville, Dumont, visit to New Guinea, vi. 201
- Dushak, Transcaspian railway station, xi. 284

#### Dutch—

- Arctic expeditions, ii. 1, 5, vii. 542; (of 1878-1881) iv. 35 \*; (1879) i. 26, 330, 365, 669, 705; (1880) ii. 689; (1881) report on, iv. 517; (1882) v. 499 †; (1883) v. 348
- Bibliography, Tiele, vi. 545 †
- Boundary in N.E. Borneo, Versteeg on, x. 455, 739; Kindersley on, x. 594
- Cartographers, early, xiii. 624
- Colonies, Catalogue of, vi. 55 †
- Discoveries, early, x. 210
- East Indies, explorations in, Bedot, xiii. 366; Wichmann, xi. 505; *Handbook of Culture and Commerce of*, x. 539 †; maps of—(wall), Boos and Rijkens, iv. 449; Van Eck, iv. 456; Geest, x. 675; Serné, i. 816; "*Plakaatboek*" of, Van der Chijs, ix. 260 †; work on, by Naval Intelligence Dept., x. 251 †

#### Dutch—continued

- Expeditions:—In New Guinea, ii. 190, vi. 199, 201, vii. 172 \* (Amberno River), 482 †, xi. 38; in Central Sumatra, Veth, i. 682, 759 \*, ii. 588 †, iv. 575 †
- Occupation of Guiana, xiv. 668, 669
- Polar meteorological expedition, iv. 233, 499, 549
- West Indies, report on, Martin, ix. 520 \*
- Dutreuil de Rhins. *See* Rhins.
- Dutrieux, M., journey in East Central Africa, ii. 321; Account of, i. 538 †
- Dutton, C. E., Tertiary History of the Grand Cañon District, vi. 171 †; Atlas of the same, vi. 243
- Duveyrier, H., on the sources of the Niger, iii. 52, 53; on De Brazza's journey, iii. 182, 183; communication from North Africa, v. 428; mission to Morocco, vii. 339; on the Berabers of Morocco, vii. 397; on Spanish protectorate on African Coast, viii. 59; on the altitude of Fez, viii. 60; Position of Tugurt, viii. 205; List of Positions in Africa, ix. 519 †; death of, xiv. 324
- Duzang Kiri Hills, Central Asia, vii. 578
- Dybowski, M., explorations in Southern Algeria, xii. 636; in North Congo basin, Meunier on Geological Results of, xiv. 634
- Dyehsu, George of the, xii. 267, 269
- Dychtau mount, Caucasus, xii. 260 note, 269, 284; height of, ix. 767, x. 688, xi. 351; Woolley's ascent of, xi. 672
- Dyer, Lieut. G. L., Geography of the Sea, xi. 636 †
- Dyer, Thiselton, on plant distribution, i. 70; on the laws of distribution, iii. 606
- Dýngjufjöll mts., Iceland, iii. 472
- Dzungaria, desert of, ix. 215; discovery of old map of, iii. 736; history of, ii. 490; mountains of, xiii. 215; routes from, into Tibet, Jametel on, ii. 312

#### E

#### Earth, the—

- Antlitz der Erde, Suess †, vii. 492, x. 399
- Aspects of, (geological phenomena), Shaler, xiii. 130 †
- Axis of rotation of, changes of, Forster, xiii. 234
- Crust of, movements of, xiv. 643; Physics of, Fischer, xi. 518 †
- Earth-knowledge (elementary physiography), Harrison and Wakefield, x. 255 †
- Internal heat of, Huyssen on, xi. 378
- Magnetism of, maps showing, xi. 257
- Our Earth and its Story, Brown †, x. 318, xi. 320, xii. 251
- Physical forces of, x. 212 *et seq.*
- Population of, Levasseur's tables of, ix. 763; Wagner and Supan on, xiii. 689



**Earth, the—continued—**

Surface of, distribution of life and rainfall on, x. 275\*; economical division of, Hahn, xiv. 182; Heights and Hollows of, Lapworth, xiv. 688\*

The Earth and its Organic Life, Klein and Thomé†, i. 814, iv. 123

The Earth in Space, Jackson, x. 255†

The Earth, with Maps and Illustrations, xi. 519†

Earthquakes and other Earth Movements, Milne, viii. 477†; their Character, etc., Mushkétov, xiii. 188†

East, The, Nouveaux Mélanges Orientaux, ix. 324†; Pioneering in the Far, Helms, iv. 184†; The Far, Bonnetain, x. 395†; Sacred Books of, Max Müller, ix. 260†; Work on, Schweiger-Lerchenfeld, iii. 319†

East Cape and district, New Guinea, v. 509, xii. 694

East Cape, Chuuke peninsula, iv. 622

East, Capt., visit to the Crozet islands, ii. 509

East, J. J., on the Geological Structure and Physical Features of Central Australia, xii. 707†

East, Mr., journey in East Africa, vi. 476

East Indies. *See* Indies.

East Island, Louisiades, xi. 534

Easter Island, Geiseler, v. 371†; Thomson, xiv. 567†; inscriptions of, Carroll on, xiv. 862; present state of, v. 40

Eastmain Coast of Hudson's Bay, iii. 579

Easton, G. F., journeys in North Western China, ii. 314

Eastwick, E. B., Handbook of the Bengal Presidency, iv. 441†; of the Punjab, v. 743†; obituary of, vi. 380

Ebers, G., Aegypten in Bild und Wort, i. 149†

Eberstein, Lieut., ascent of Kilimanjaro, x. 34, 45

Ebstorf Map of the World, the, xiv. 64

Echinodermata, Catalogue of, Australian Museum, Ramsay, viii. 605†

Eck, G. A. van, History, etc., of the island of Bali, ii. 198; Schoolkaart van Nederl. Oost-Indië, iv. 456

Eckhardt, H., Matthæus Merian, Skizze seines Lebens, etc., ix. 720†

Ecclectic Physical Geography, Hinman, x. 671†

Economic Plants in Malacca, Experiments with, xi. 682

**Ecuador—**

Boundaries of, Simson on, ii. 193

Explorations in, Wiener, iii. 73; Magalli, xii. 297

Extent of, iii. 453

Geography and topography of, v. 351, 352

Glaciers of, iii. 459

High Andes of, Wolf on the Geographical Conditions of, xiv. 126\*

Mountain ascents in, Whymper, ii. 369

**Ecuador—continued—**

Rainfall of, iv. 625

Sketches of, Stübel, viii. 603†

Temperatures and heights of mountain summits in, iii. 461

Travels in the Wilds of, Simson, ix. 321†

Edagwaba mount, xiv. 327

Edd or Ayth port, purchase of, vii. 106

Eddas, the Home of the, Lock, i. 477†

Eddington and Flint, Messrs., visit to Mount Roraima, vi. 678

Ede, West Africa, xiii. 585

Edea river, W. Africa, iv. 586

Eden, C. H., Africa seen through its Explorers, iii. 61†; Frozen Asia: A Sketch of Modern Siberia, i. 740†; the West Indies, ii. 709†

Edgerley, Rev. S. H., Ascent of the Old Calabar River, iv. 94

Edgley, J. C., the Origin and Features of Mountain Systems, ix. 590†

Edinburgh, Duke of, remarks on Mr. Stanley's address, xii. 330

Edinburgh, plan of (large scale), Bartholomew, vii. 772; K. Johnston, x. 445; county of, agricultural map of, Richardson, i. 154; pocket map of, K. Johnston, x. 545

Edkins, Dr., on the stone figures at the Imperial Mausolea, China, v. 28

Edmonton, Fort, Hector on depth of frozen soil at, viii. 744

Edom, First Steps on the Water-way of, Colville, vi. 746†

Edrisi's geography of Spain, vii. 465

Educational collection, the R. G. S.'s, ix. 764

Educational geography, Prof. Wagner's report on the progress of, xi. 43.

Edwards, Ch., Rides and Studies in the Canary Islands, xi. 120†; Sardinia and the Sardes, xii. 568†

Edwards, Miss, Pharaohs, Fellahs, and Explorers, xiv. 661†

Edwards, Prof. B., on the soil of N. America, xiv. 87

Edwin-Arnold river, Africa, v. 700

Eelbeygi, the, Eliant-chief, Persia, v. 133

Eesa tribe, Somaliland, xiii. 659

Eetvelde, M. von, notice sur l'État Indépendant du Congo, ix. 689

Efat or Ivat island, purchase of, vii. 105

Efik tribe, West Africa, x. 633

Egerdir, Asia Minor, xiv. 55; latitude of, x. 162

Egeria, visit of the, to Christmas island, x. 616

Egg river, Athabasca, v. 640, 641, 642

Egga, W. Africa, iii. 28

Eggers, Baron H., Die Bahama-Inseln, xiv. 808†; journey in San Domingo, x. 239

Egisarak Kurgan, Turkestan, xiv. 782

Egli, Dr. J. J., Die Schweiz, ix. 205†; Etymologisch-geographisches Lexikon, ii. 271†

Egmont, mount, New Zealand, vii. 202



- Egri-Geuk stream, Afghanistan, vii. 286, 562
- Egum Group, British New Guinea, Map of, xiv. 202
- Egypt—**  
 After the War, Stuart, vi. 103 †  
 Ancient, Christian, and Modern, by F. B., ii. 782 †  
 Area and population of, vi. 629, 630  
 Caravan routes from, to Syria, ii. 392  
 Country and People of Old and New, Virchow, xi. 49, 50 †  
 Cultivable land in, extent of, ix. 609  
 Cyprus, etc., and, Farley, i. 149 †  
 Desert between Cairo and Suez, Schweinfurth's Geognostic Observations in, Beyrich, viii. 664 †  
 Dictionary, Geographical, of Ancient, Brugsch Bey, i. 405 †, ii. 70  
 Eastern Desert of, Notes on Two Routes in, Floyer, ix. 659 \*  
 Ethnology, etc., of Ancient, Nile Gleanings on, Stuart, ii. 141 †  
 Geographical Society of, Bulletin of, viii. 344  
 Handbook for Travellers in, Murray, xiv. 62 †  
 Illustrated, Ebers, i. 149 †  
 Journal d'un Voyage du Caire à Kénéh, etc., Colston, ix. 260 †  
 Literature of, Ibrahim-Hilmy, viii. 276 †, x. 541  
 Lower, Ancient Geography of, De Rouge, xiv. 63 †  
 Maps of:—Bianconi and Schutz, x. 812; French War Office, v. 55; Johnston, vii. 60; Philip, vii. 266; Ravenstein, (Philip), iv. 710; Stanford, iv. 710; Wyld, pictorial and military, iv. 710; with Nile basin, vi. 109, vii. 266, 493; Lower, De Bellefonds, hydrographic, iv. 580; Debes, iv. 709; Intelligence Department, iv. 581; Leake, iv. 710; Middle, v. 504, 629  
 Meteorological stations in, Mahmoud Bey on, iv. 179  
 Military History of the Campaign of 1882 in, Maurice, ix. 780 †  
 Photographs of natives, etc., Lekegian and Co., xiii. 700  
 Porphyry quarries of, visit to the ancient, Brindley, ix. 692  
 Ptolemy's maps of, xii. 684, 685  
 Raian Moais. See Raian.  
 Reisebücher, Meyer's, Ägypten, iii. 504 †  
 Report on, War Office, iv. 704 †  
 Routes in, map of Klunzinger's, Kiepert, ii. 205  
 Surveys on Abyssinian border, map of, vi. 360  
 Turkish conquests in, vii. 94, 95  
 Von Kairo nach Massaua, Wild, i. 345 †  
 Wind action in, Petrie, xi. 646 \*  
 Egyptian exhibits at the Venice Geographical Congress, iii. 751  
 Egyptian Sudan. See Sudan.
- Ehlers, Otto, ascent of Kilimanjaro, xi. 95, 240, 408; attempt to reach Lake Manyara, xii. 422; proposed exploration in the Shan States, xiii. 685
- Ehrenreich, Dr., Land und Leute am Rio Doce, viii. 346 †; journey from the Paraguay to the Amazons, xii. 42; up the Purus river, xii. 239; ethnographische Karte von Brasilien, xiii. 379; Beiträge zur Geographie Central-Brazilien, xiv. 728 †
- Eigner, A., Beobachtungen der Russischen Polarstation an der Lena-Mündung, viii. 749 †
- Eira, the:— Voyage of, and Mr. Leigh Smith's Arctic Discoveries, Markham on, iii. 129\*; Second Journey of, to Franz-Josef Land, v. 204\*; loss of the, iv. 544, v. 206; search and relief expedition, iv. 498; rescue of crew, iv. 544; members of committee, v. 233
- Eira harbour, Franz Josef Land, iii. 133
- Ejibo, West Africa, xiii. 585
- Ekamba, South-West Africa, v. 468
- Ekholm, Dr., voyage to Spitzbergen, vi. 352
- Ekowe, sketch of ground about, i. 413
- Elæusa, Asia Minor, xii. 446
- El Arish, position of, ix. 586
- Elba island, geological map of, vii. 411
- Elbe, Map of the, ix. 209; and Moldau, xii. 54; of marshes between the mouths of the Elber and, xiii. 444
- Elbruz mount, Caucasus, v. 171, x. 678, 688, xiv. 101, 176; adventure on, Baron Sternberg's, xi. 99, 100; early ascents of, xii. 257; height of, x. 688; note on map of, Freshfield, xi. 378; position of, xii. 258; photograph of the view from, Sella, xii. 97
- Elburz range, Persia, vii. 564
- Elder, Sir Thomas, on Australian exploration, xiii. 343
- Elderton, W. A., Maps and Map Drawing, xii. 708 †
- El Dorado, Von Langegg, xi. 189 †
- Eldridge, Mr., on the volcanic eruption at the Grand Souffrière, Dominica, ii. 363
- Eleiduruba, Masai country, v. 523, 525, 526
- Elephant hills, S. India, vii. 728
- Elephant island and falls, Mobangi river, x. 301, xi. 335
- Elephant islands, Carpenter's account of, x. 303
- Elephant marsh, Central Africa, xii. 718
- Elephants, employment of, in African exploration, i. 382, iv. 377; Cust on, iv. 381; Account of the Belgian Elephant Expedition, Rankin, iv. 278\*
- Eleutewer mt., British Guiana, vi. 456
- El Fasher, position of, xi. 643 and note
- El Gaita, Egypt, ix. 665
- El Golea oasis, Algeria, xii. 636; route from, to Géryville, De Bort on, xiv. 423
- Elgon mountain and its cave dwellings, vi. 708, 711, xiii. 200, 202

- El-Hejjer, rock city, Doughty's visit to, i. 454
- Elias, Ney, expedition in Central Asia, viii. 189, ix. 341; on the Dragon lake of Pamir, ix. 70
- Élie de Beaumont, etc., Carte Géologique de la France, iii. 116
- Eliot, John, Report on the Meteorology of India in 1886, x. 473†
- Elliott, Lieut., Expedition into Upper Burma, xiv. 161\*
- Elisief, M., expedition in Asia Minor, ix. 312, 428, 431
- Elk lake, N. America, viii. 652; river, v. 685
- El Khatif, or Gerrha, Arabia, xii. 13
- Ellerbeck, J. H. T., Guide to the Canary Islands, xiv. 871†
- Ellesmere Land, Arctic regions, viii. 157
- Ellice islands, viii. 552, 554, x. 352 note, xii. 402
- Elliott, G. F. Scott, Botanical Trip in Madagascar, xiii. 158\*
- Elliott, Capt. J. G., Expedition to the Kwilu-Niadi Valley, v. 710, vi. 656\*
- Elliott, H. W., the Seal Islands of Alaska, iv. 444†; *id.*, An Arctic Province, ix. 133†
- Ellis, A. B., West African Islands, vii. 258†; The Ewe-Speaking Peoples of the Slave Coast, xiii. 54†; The Tshi-Speaking Peoples of the Gold Coast, xiv. 62†
- Ellis, Lieut., explorations in Dutch New Guinea, xi. 38
- Ellis, Major H. L., notes of a visit to Peru and Bolivia, xii. 227, 228
- Ellis, Sir Barrow H., on the amendment of the regulations, i. 471; obituary of, x. 423
- Ellis, W., Historical Account of the Barometer, viii. 674†
- Ellis, R. W., report on Northern New Brunswick, iv. 517
- El Maghreb: 1200 Miles' Ride through Morocco, Stuttgart, viii. 344†
- Elphinstone, M., on the Kafir tribes, iii. 278 note; work on the N.W. frontier of India, i. 61
- El Salto, Colombia, v. 259
- Elsass, in the year 1789, map of, Kirchner, ii. 656; Upper, map of, Algermissen, x. 321
- Elsass-Lothringen, maps of, Kiepert, i. 746; Kirchner, vi. 107; wall, Wagner, viii. 348
- Elton, Ch., Origins of English History, iv. 115†
- Elton, Consul, expedition in Central Africa, i. 297, v. 403; Travels in Eastern and Central Africa, i. 222†
- El-Wedj, Mission to, Surtees, x. 734
- Emanuel, L., Jottings, etc., of a Bengal "Qui Hye!" viii. 342†
- Embacher, F., Forschungsreisen des Neunzehnten Jahrhunderts in Synchronistischer Uebersicht, ii. 271†
- Embarras river, Athabasca, v. 640
- Emel valley, surveys in the, ix. 437
- Emigrants' Information Office Handbooks, xii. 439†
- Emin Pasha, Maps of the journeys of, iv. 520, 780, v. 504, 750; position of, viii. 781; biographical sketch of, ix. 251; letters from, ix. 439; letter to, from Emir Karm Allah, ix. 415; Letters and Journals of, in Central Africa, x. 252†; Stanley's relief expedition, ix. 47, 114, 126, 202, 336, 339, 759, 765, x. 646, xii. 37; Geographical Results, xii. 313\*: telegram of congratulation to, xii. 230; award of medal to, xii. 288; on the fate of Lupton Bey, xii. 289; geographical, etc., work of, xii. 473-475; Emin Pasha and the Rebellion at the Equator, Jephson, xiii. 54†; German Relief Expedition, Von Rust, xiii. 443†; expedition to lakes Albert-Edward, and Albert, xiv. 47, 471, 540; discovery of a southern source of the Nile, xiv. 47
- Empire, Round the, Parkin, iv. 578†: the New, etc., Howland, iv. 63†
- Empress Augusta river, New Guinea, viii. 719, x. 601; journey up, Von Schleinitz and Schrader, ix. 120, x. 241
- En Avant*, the, Congo steamer, xi. 333
- Encañada de Bala mt, Bolivia, v. 336
- Encañada Iniqua mts, Bolivia, v. 338
- Encañada Venigui, Bolivia, v. 340
- Encañada Voo precipices, Bolivia, v. 337
- Encyclopædia Americana†, viii. 674; xi. 754; Britannica†, vii. 619; viii. 408; index of†, xi. 320
- Etieno river, Peru, xiv. 387
- Engamor, valley of, Persia, v. 66
- Engatana, W. Africa, xiv. 516
- Engelenburg, E., Hyetographie van Nederland, xiv. 722†
- Engelhardt, D. P., and J. Wensierski. Karte von Central-Ostafrika, viii. 541; spelling of names in the same, xiv. 776
- Engelhardt, H. E. D., Originalkarte der Insel Saleijer, viii. 608
- England—
- And Canada, Sandford Fleming, vi. 544†
- And Russia Face to Face in Asia, Yate, ix. 206†
- And South Africa, Gibbs, xii. 121†
- Counties of, Philip's atlas of, vii. 776
- Displacement of Population in, influence of physical geography upon, Levasseur, xiv. 317; map showing, xiv. 268
- East, Airey's railway map of, vii. 772
- Fenland, etc., of, maps showing drainage of, xi. 339
- Geographical education in, progress of, Keltie, xiii. 629
- Instruction in navigation in, iv. 297, 302, 306
- Lake District of, Baddeley's Guide to, ii. 587†
- Map of, K. Johnston, x. 481

**England—continued—**

- South-Eastern, Geography of, ix. 149-152  
 Southern Colonies of, Montégut, i. 814†  
 Surveys on shores of, x. 418; on West coast, v. 594  
 Through, on a Side Saddle in the Time of William and Mary, Fiennes, xi. 114†  
**England and Scotland**, photo-relief map of, Brion and McClure, viii. 352, xii. 506  
**England and Wales—**  
 Atlases of, county, K. Johnston, xi. 640; parliamentary county, Stanford, viii. 135; pocket, Bartholomew, ix. 466  
 Diocesan map of, Mackey, ii. 327  
 Erosion of Coasts of, Report of Committee on, Topley, viii. 402†  
 Geology of, Woodward, ix. 316†  
 Maps of:—Library, Stanford, iv. 519; modern, K. Johnston, xi. 464; photo-relief, Brion and McClure, xii. 506; pocket, Rand, McNally & Co., xiv. 731; popular, ix. 786; Johnston's, xiv. 579; tourist, Bartholomew, xiv. 429  
 Ordnance maps of, *passim*; state of, xii. 677, 678  
 Railway systems in, Map of, Matthieson, ii. 327  
**England, Scotland, and Ireland**, statistical atlas of, Devan, iii. 126, 256  
 Engler, H., die Hochgebirgsflora des tropischen Afrika, xiv. 871†  
 English-Arabic Vocabulary, Plunkett, viii. 747†  
 English Channel, physical condition of the waters of, Dickson, xiv. 628  
 English Colonization and Empire, Caldecott, xiv. 577†  
 English exhibits at the Venice Geographical Congress, iii. 754  
 English geographical discoveries, early, x. 210  
 English History, Origins of, Elton, iv. 115†  
 English imperial atlas and gazetteer of the world, Bartholomew, xiv. 67  
 English Intercourse with Siam in the Seventeenth Century, Anderson, xii. 300†  
 English Lakes, Handbook to, Murray, xii. 180†  
 English river, or Missi-Nipi, North America, v. 649, 650; district of, v. 633  
 Enjouk plains, Burma, x. 264  
 Enns and Steyr, the Glaciers of, Böhme, vii. 765†  
 Ebnsthaler mountain, Freytag's map of, vi. 486  
 Ensenda, Peru, altitude of, xii. 229  
 Enslie, J. J., report on the Niigata District of Japan, ii. 251  
 Ensor, F. Sidney, Journey through Nubia to Darfur, iii. 763†  
*Enterprise*, H.M.S., Journal of (search for Sir John Franklin), Collinson, xii. 182†

- Enterprise*, the, deep-sea soundings of, viii. 333, 334  
 Entumeni, Zululand, forests of, xiii. 433  
 Equator, extreme limits of snowfalls towards the, Fischer, x. 607†  
 Equator station, vii. 364, 365, position of, ix. 189  
 Equatoria, Ten Years in, Casati, xiii. 372†  
 Eradi or Irati mt., Mozambique, iv. 381  
 Erbach, E. von, Wandertage im Strom- und Küstengebiet des Orinoko, xiv. 798†  
 Erckert, R. von, Der frühere Lauf des Amu-darja, xiv. 869†; Der Kaukasus und Seine Völker, ix. 518†  
 Erdmann, Prof. A., Sveriges Geologiska Undersökning, i. 612  
 Erebus mount, v. 418  
 Ereré, Serra de, table-topped mountains, viii. 359  
 Erfurt, special map of the district of, ix. 326  
 Ergherek canal, irrigation works of the, iii. 100  
 Erhard, M. H., archaeological map by, i. 279  
 Erh Hai lake, S. W. China, viii. 380  
 Erh-tas Chiang river, ix. 548  
 Erickson's camp on Sierra de Chella, South-West Africa, v. 461  
 Erikson, Leif, the Landfall of, A.D. 1000, etc., Horsford, xiv. 808†. See Leif.  
 Eritrea, colony of, map of, xiii. 310; Schweinfurth on, xiv. 706; Work on, Boisari, xiv. 807†  
 Ermeling, Dr., Ausflug nach dem Sinai, xiv. 869†  
 Ernefeldt, M., work in Russian Lapland, xi. 312  
 Ernst, A., La Exposicion Nacional de Venezuela en 1883, ix. 526†  
 Erskine, St. Vincent, journey to the mouth of the Limpopo, i. 203; journey along and map of the Sabi river, v. 271; on the position of Zimbabye, xiii. 18 note  
 Ersley, Professor Ed., on Swedish North Polar expeditions, v. 562  
 Erythraean sea, islands of, Ptolemy's positions of, xiii. 545  
 Escardos river, W. Africa, xii. 605  
 Escheker, or Eschikie islands, Malay Archipelago, v. 47  
 Eschenhagen, Dr., magnetic survey of the Harz mountains, xi. 387  
 Escondido, latitude of, xii. 415  
 Esguerra, J., Diccionario Geográfico de los Estados Unidos de Colombia, 812†  
 Eshefjord, ice in the, ix. 684  
 Eskimo, lake of the, v. 646; of Alaska, iv. 670; of Hudson's Strait, Paynes, xi. 514†; of Labrador, x. 191, 193; the Great, Pettit, ix. 650†; the original, vii. 402; Tales and Traditions of the, Rink, vii. 491†; Race and Language, Chamberlain, xi. 514†; Their Distribution, Language, etc., Rink, xiii. 741†  
 Esmark, Herr, on the Aurora Borealis, i. 601

Eso tribe, W. Africa, xii. 602  
 Esperanza falls, Beni river, xi. 497  
 Espirito Santo, Brazil, x. 64  
 Espirito Santo island, Capt. Williams on, xiv. 710  
 Esquimaux. *See* Eskimo.  
 Essequibo river, British Guiana, ii. 466, *et seq.*, vii. 522; gold mine on the, xiv. 687  
 Essina, ancient town of Africa, xiii. 525, 526, 546  
 Estévez, N., Atlas Geográfico de America, vii. 494  
 Estom, Lake, configuration of, xiv. 630  
 Estrella bay, xii. 403, 415  
 Etannine falls, British Guiana, ii. 486  
 Etembwa river, latitude, longitude and comparative volume of, viii. 628  
 Ethen Eldeli tribe, Athabasca, v. 651  
 Etheridge island, Arctic Sea, iii. 132  
 Etheridge, Mr., on voyages in the Barents Sea, 1879, ii. 40; on the voyage of the *Eira*, iii. 147; on Whymper's journey in the Andes, iii. 471  
 Ethiopia, area and population of, Levasseur on, xi. 677; Oriental, J. dos Santos, xiv. 808 †; Southern, Borelli, xii. 768 †; Work on, Supeto, xii. 640 †; Ptolemy's position of, xiii. 545  
 Ethnographical collections at the Geographical Congress in Paris, xi. 557; journal, New Russian, xii. 612; museum, Paris, iv. 384  
 Ethnology, Bureau of, Reports, Powell †, 1880-81, vii. 694; 1881-82, viii. 536; 1884-85, xiii. 306; work on, Ratzel, x. 608  
 Etienne, Dr., on the climate of Banana, xiv. 559; in 1890, xiv. 571 †  
 Etna, Mount, Freeman on, xiv. 402; History, etc. of, from the manuscripts of Dr. Sartorius, Lassaulx †, ii. 520; iii. 58; History of the Mountain and its Eruptions, Rodwell, i. 283 †; map of, Chaix, xiv. 136; photographs of, *id.*, xiii. 136; Ride to, *id.*, xiii. 183 †  
 Etruria, Cities and Cemeteries of, Dennis, ix. 517 †  
 Etymological-Geographical Dictionary, Egli, ii. 271 †  
 Eubœa, North, country and people of, Drosinis, vi. 235  
 Euphrates, floods of the, x. 393; Nixon on, i. 797; Personal Narrative of Expedition to, Ainsworth, x. 803 †; Valley Railway, v. 130, Cameron on, i. 685  
 Eureka District, Paleontology of, Walcott, vii. 770 †  
**Europe—**  
 Area and population of, xiii. 27, 28; 689; of Countries of, Levasseur on, xiv. 466, 501 †  
 Atlas of, physical, v. 120  
 Climate of (duration of a certain mean temperature in different areas), Supan on, ix. 441; wall map of, Coordes and Bamberg, x. 481  
 Commerce in, History of, Gibbins, xiii. 571 †; map of, Berghaus, viii. 412

**Europe—continued—**

Fresh-water Fishes of, Seeley, viii. 478 †  
 Geographical structure of, xiv. 644  
 Geography, Statistics, etc. of, and Her Colonies, ii. 587 †  
 Germans in, maps showing the distribution of, Kiepert, ix. 786; Nabert, xiii. 444  
 Growth of the continent of, Geikie, i. 436  
 Growth of population in, Oppert, viii. 899  
 Handbook for travellers in, Harper, iii. 573 †  
 Historical geography of, Freeman, iii. 875 †  
 Horizontal configuration and composition of, Ullrich, v. 373  
 Illustrated, Orell, Füssli, and Co. †, iv. 573, ix. 777  
 Inland Navigations in, Begg, vii. 833 †  
 Intercourse with Siberia by sea, attempts in 1879 to establish, ii. 321, 322  
 International Geodetic Association of, vii. 683, 684  
 Introduction to the Knowledge of the Lands of, Kirchhoff, ix. 711 †  
 Maps of:—xi. 399, xii. 709; Baur, iii. 639; Hachette, i. 159; Kiepert, i. 154, vii. 772; Logerot, i. 153; Orohydrographical, wall, Kiel, vi. 427, 611; Physical, Vuillemin, iii. 697; relief, vii. 496; route, König, vi. 427; school, Bacon, vi. 244, Friedemann, iv. 456, Schrade, xiv. 268, Stanford, i. 159; school, wall, Cuppers, iv. 456, Von Haardt, v. 752, Kiepert, iv. 192, vii. 272; wall, Bamberg, viii. 213, Berg-haus-Gönczy, vii. 611, Bonnefont, vi. 178, Gauttier, vi. 173, Leedor, viii. 136, von Stülpuagel, ii. 656  
 Miocene of, v. 621  
 Natural limits of, Wagner and Supan, xiii. 684  
 Northern countries of, Nordenskiöld's discovery of a MS. map of, v. 529  
 Picturesque, Cassell, xiv. 878 †  
 Ptolemy's maps of, facsimiles of, ix. 591  
 Railway map of, xii. 252; *id.*, Franz, ix. 326  
 River basins of, atlas of, Vuillemin, i. 224, iii. 704  
 River systems of, compared with those of other continents, Bronner, viii. 674  
 Seas of, Supan on mean level of, xiv. 468  
 Stanford's Compendium of Geography, etc., Rudler and Chisholm, vii. 127 †  
 Superficies of, Stelbitsky, iv. 245  
 Time standards on railways of, xiv. 465  
 Trade route, new, between America and, Sutherland, viii. 728  
 Triangulation of, vii. 683  
**Europe, Central—**  
 Annual Isonephs of, chart of, Elfert, xii. 441  
 Geological map of, Bach, vi. 106  
 Maps of:—General, v. 508, 683, ix. 63; Hoffmann, iii. 117; Vienna Military

**Europe, Central—continued—**

Geographical Institute, i. 348, 540, vi. 106, 173, 427, 752, vii. 491, 772, viii. 348, 605; relief, Dickert, v. 308, 627; special, Liebenow, ii. 327, 656, iv. 447, vi. 107; topographical, special, ix. 463, xi. 702, xii. 187, 367, xiii. 131, xiv. 268, 348, 579; touring, Bartholomew, xiii. 641

Railway, etc., map of, Plechawski, vii. 773

**Europe, Eastern—**

Map of, ix. 655

Railway map of, x. 400; *id.*, Pohl and Widimsky, iii. 697

Since the Treaty of Berlin, Vogel, ii. 588 †

**Europe, Northern—**

Discovery of a MS. map of, Nordenskiöld, v. 529

Origin of cartography in, Hamy, xi. 576

Waterways of, von Weber, iii. 574

European settlement. Lands of the Globe still available for, Ravenstein, xii. 27 \*

European Statistics, Peschel, ii. 324 †

Europeans, acclimatisation of, in tropical countries, xiii. 30, 31

*Euterpe oleracea*, or palmito, a substitute for bread, x. 77

Euting, Prof. J., journey in Central Arabia, vi. 401

Euworra-eng, village, vii. 500

Evans, Capt. Sir F. J., on a journey through Cyprus, i. 104; review of maritime discovery, 1831–81, iii. 621; reports on admiralty surveys, iv. 551, v. 386, 593; obituary of, viii. 112

Evans, Dr. J., xii. 613

Evans, P. F., From Peru to the Plate, overland, xi. 752 †

Evans, Sir J., an Archaeological Survey of Hertfordshire, xiv. 792 †

Eve, H. W., on the aims and methods of geographical education, viii. 188

Everard ranges, Australia, xiv. 181

Everest, Capt. Sir G., survey work in India, vii. 678, 679; on the name of Mont Everest, viii. 177

Everest, Dr., journey in Alaska, vii. 246

Everest, Mount, and neighbouring peaks, bearings and heights of, viii. 90; Notes on, Walker, viii. 88 \*, 257 \*; *id.*, Freshfield, viii. 176 \*; peaks higher than, reported, vi. 69, 70, 440; Farmer on the identification and name of, xiii. 108, 109

Everill, Capt. H. C., Report of the New Guinea Expedition, viii. 673 †; explorations in New Guinea, viii. 732

Eves, C. W., Jamaica at the Royal Jubilee Exhibition, Liverpool, 1887, ix. 650 †; the West Indies, xi. 396

Evorra tribe, ix. 603

Ewart, W., Settlement in India and Trade with Central Asia, xi. 749 †

Ewe people, map of district of, Hassenstein, x. 612

Exaltacion, Bolivia, v. 326, 334, 347

Examinations for public schools' prizes, notices and results of, v. 168, 290

Exhibition of appliances used in geographical education, viii. 52; lectures and discussions, viii. 116, 121, 193, 198; results of, viii. 417, 421; expenditure of, viii. 460; at Bradford, viii. 724

Expedition lake, Tibet, vii. 171

Explorations, Chief, of the 19th Century, Embacher, ii. 271 †

Exploring expeditions, equipment of, now and fifty years ago, Galton, iii. 608

Exton creek, New Guinea, xii. 197

Eyo or San Benito river, W. Africa, vii. 550

Eyre, Lake, Central Australia, xiii. 351, 355

Eyre, Major-General Sir Vincent, obituary of, iii. 672

Eyvindara river, Iceland, x. 306

**F**

Fabert, M., on the country of the Trarzas and S. W. Sahara, xiv. 338

Fabre, F., Bedarf Deutschland der Colonien?, xi. 518; Fünf Jahre Deutscher Kolonial-Politik, xi. 518 †

Fabricius, Capt., Norwegian coast and deep-sea surveys in 1886, ix. 380

Færøe islands, v. 725; and Iceland, Labonne, xi. 52 †; reported subsidence of one of the, vii. 611, 824

Faf village, Somaliland, vii. 631

Fagundes, João Alvares, early expedition in North America, vii. 34, 35

Fahlyun river, Ab-i-shur or Rudyan, v. 161, 162

Faidherbe, General, death of, xii. 45; Le Sénégal, xi. 513; on the position of the French on the Upper Niger, vii. 44

Fairweather, Mount, Alaska, height of, ix. 279

Falaba, Sierra Leone, xiv. 446

Falb, R., Das Land der Inca in Seiner Bedeutung für die Urgeschichte der Sprache und Schrift, iv. 773 †

Falcon, Cruise of the, Knight, vi. 103 †

Falcon Island, a Visit to the newly emerged, Lister, xii. 157 \*

Falcide, on the Nordfjord, depth of frozen soil at, viii. 743, *et seq.*

Fuleme river, Senegambia, xi. 175; exploration of, Oberdorf, x. 379

Falkland islands, avalanche of peat in the, Mulvaun on, i. 803; climate of, ii. 703; *id.*, Cobb on, x. 797

Falkner, Th., Description of Patagonia, etc., viii. 411 †

Fall Jökull, Iceland, xiv. 844

Fallot, E., Par delà la Méditerranée, ix. 649 †

Falut, Himalayas, viii. 91

Famagousta harbour, Cyprus, i. 103, 104, xi. 716

Fan-tze tribe, N. China, ii. 315

- Faousssek, M., projected expedition of, to Lapland, xi. 309
- Farah-rud river, i. 194, 195
- Farewell Cape, Greenland, v. 363, 364; position of, iv. 104
- Farini, G. A., A Recent Journey in the Kalahari, viii. 437\*; Through the Kalahari Desert, viii. 536†
- Farler, Ven. Archdeacon, on the Usambara Country, i. 81\*; on K. Johnston's expedition, i. 533; map of routes in the Masai country, iv. 606; Native Routes in East Africa (Masai Land, etc.), iv. 730\*; on Last's visit to the Masai, v. 540; on the Kilimanjaro expedition, vii. 158; on journeys between Blantyre and Quillimane, vii. 604; on Jackson and Gedge's journey to Uganda, xiii. 207; on the council report, xiii. 503
- Farley, J. L., Egypt, Cyprus, and Asiatic Turkey, i. 149†
- Farlow, S. C., schools' prize medal awarded to, v. 422
- Faro river, xiii. 464
- Farrell and Parkinson, Messrs., coffee and cotton plantation in New Britain, viii. 552
- Farrer, R.R., A Tour in Greece, 1880, iv. 771†
- Fars, Persia, cities of, v. 715; the Kur river in, Houtum-Schindler, xiii. 287\*
- Farsakh, Persian, Length of the, Houtum-Schindler, x. 584\*
- Fashoda, position of, xi. 644
- Fasolo, Prof. F., L'Abissinia e le Colonie Italiane sul Mar Rosso, x. 476†
- Fastre island, position of, ix. 600, 606
- Father and Sons volcanoes, New Britain, iii. 95
- Fatira, Wadi, ix. 679
- Faunthorpe, Rev. J. P., remarks on presentation of prizes to students of training colleges, x. 469, xii. 478, xiv. 490
- Fauque, Paul, journey in Sumatra, vii. 254
- Faure, C., Congrès International des Sciences Géographiques en 1889, xiv. 344†; Les Progrès de l'Enseignement de la Géographie en Angleterre, etc., xi. 518†; *id.*, en France, xiii. 742†; Notice sur Arnold Guyot, viii. 281†
- Fauro island, Solomon islands, x. 359
- Fausek, V. A., journey in the Kumo-Manytch lowlands, ix. 429
- Fauvel, A. A., Province du Shantung, map of, i. 80
- Favé, M., survey work in Madagascar, x. 649
- Favenc, E., Explorations of the Upper Gascongne and Ashburton Rivers, xi. 492\*; History of Australian Exploration, 1788-1888, x. 743†; Western Australia: its Past History, etc., ix. 719†
- Favre, A., Carte Géologique du Canton de Genève, i. 612
- Favre, M. E., explorations in the Caucasus, x. 684, 685; Recherches Géologiques de la Chaîne du Caucase, x. 315†
- Fawn, H.M.S., survey work of, i. 370
- Fayoum and Raian basins, etc., Cope Whitehouse on, x. 733
- Fayoum, Journey in the, Schweinfurth, viii. 601†
- Fazio, L., Memoria descriptiva de la Provincia de Santiago del Estero, xii. 248†
- Fea, M. Léon, journey in Tenasserim, x. 711
- Featherstonhaugh, G. W., Canoe Voyage up the Minnay Sotor, x. 745†
- Fedchenko or Sel-sai glacier, i. 209, 592
- Feddersen, M., on the former vegetation of Iceland, ix. 192, 255
- Fee river, Alaska, ix. 273
- Feilberg, M., expedition to the Pilcomayo, vii. 399
- Feilden, E. W., My African Home (Natal), ix. 206†
- Feilden, Major, on the Arctic expeditions of 1878, i. 35; on those of 1879 in the Barents Sea, ii. 39; memorandum on the relief of Greeley, vi. 221
- Feili tribe, S. W. Persia, xii. 531
- Feistmantel, O., Fossil Flora of Coalfields in Western Bengal, ix. 259†
- Fei-yu-ling pass, xiii. 334
- Felbermann, L., Hungary and its People, xiv. 806†
- Felkin, Dr. R. W., journey to Victoria Nyanza and back, via the Nile, ii. 44, 357; (and Rev. C. T. Wilson) Uganda and the Egyptian Soudan, iv. 183†; Can Europeans become acclimatized in tropical Africa?, viii. 799; Notes on the Waganda, ix. 132†; co-editor of "Emin Pasha in Central Africa," x. 252†; on the poisoned arrows used by the Tikki-Tikki tribe, xi. 379; receives medal on behalf of Emin Pasha, xii. 472; on acclimatization, xiii. 630
- Fellach, or Ansariëh, tribe of Asia Minor, x. 104
- Feng-shui wall round the Imperial Mansolea, v. 24 and note, 27
- Feng-tien or Liau-tung province, ix. 531, 532
- Fenton, F. D., on the Maori Race, vii. 831†
- Féraud, M., death of, xi. 109
- Férot, E., Statistique du Département de la Gironde, i. 282†
- Ferghana, Severtsof's Journey in, 1877-78, ii. 499\*
- Ferguson, A. M., Ceylon Mercantile and Planting Directory, xiv. 569†
- Ferguson, D., Captain João Ribeiro: his Work on Ceylon, xii. 637†
- Ferguson, John, Ceylon in the Jubilee Year, x. 176†
- Ferguson, Sir J., remarks on British Central Africa, xii. 740
- Ferguson island, D'Entrecasteaux group, xi. 536, *et seq.*; Macgregor's exploration of, xiv. 327
- Fergusson, James, obituary of, viii. 113
- Fernandez, A., visit to Galla Land, vi. 256



- Fernandez, Capt., explorations of the Ugnaray-Guázu river, ix. 581
- Fernandez, Fraile Padre Louis, instructor of Mositana Indians, v. 337
- Fernandina island, xiv. 595
- Fernando do Noronha, island of, Lea. x. 424\* ; Natural History of, xiii. 305† ; Æolian Sandstones of, by J. C. Brauner, xiii. 740†
- Fernando Po, i. 225, vi. 616, 622; exploration of, x. 45; physical features of, Baumann, ix. 623; exploration of, *id.*, x. 45; work on, *id.*, x. 396†; map of, ix. 656; Rogozinski's ascent of Clarence Peak in, xii. 289
- Fernão Vaz, W. Africa, vi. 181; river, v. 229
- Fernão Veloso bay, Mozambique, iv. 597, vii. 373
- Ferrandi, M. G., expedition to the Juba river, xiii. 176, 722
- Ferrel, Prof. W., Recent Advances in Meteorology, ix. 521†
- Ferry, Jules, Le Tonkin et la Mère Patrie, xii. 569†
- Feruzkohi, country of the, vii. 564, viii. 148
- Fésigny, Lieut. de, explorations of the Mekong river, ix. 744, x. 300, 468
- Festinz, Major, award of Cuthbert Peek Grant to, x. 300, 468
- Fez, M. Duveyrier on the altitude of, viii. 60
- Fianárántsoa, routes from, iv. 532-534
- Fief, J. Du, La Question du Congo, etc., vi. 618† ; L'Enseignement Supérieur de la Géographie en Belgique, xiv. 722†
- Field, Capt., on an expedition to the Louisiade islands, xi. 540
- Fiennes, C., Through England on a Side Saddle in the Time of William and Mary, xi. 114†
- Figueira settlement, Rio Dôce, x. 64
- Figuig, Morocco, iv. 367
- Fiji islands, viii. 546 ; At Home in, Gordon Cumming, iii. 380† ; A Year in, Inquiry into the Botanical, etc., Resources of the Colony, Horne, iii. 761† ; Handbook to, and Catalogue of Exhibits in the Colonial Exhibition, viii. 539† ; map showing Horne's explorations in, iv. 455; map of part of, Wyld, vi. 111; Notes of Travel in, Anderson, iii. 63† ; surveys of coasts of, iv. 553, v. 599
- Filippo, P. A. di S., Iveri scopritori delle Isole Azore, xiv. 865†
- Finch, H. T., The Pacific Coast Scenic Tour, xiii. 185†
- Finch, J., To South Africa and Back, etc., xii. 770†
- Findelen glacier, vii. 600
- Findlay, A. G., Directory for the Navigation of the Indian Archipelago and the Coast of China, etc., xi. 700† ; of the North Pacific Ocean, etc., viii. 280† ; observations on the Gulf Stream, ix. 762
- Finisterre mountains, New Guinea, v. 599, 510
- Finke river, Australia, Chewings' journey to the sources of the, ix. 192; Lindsay's exploration of the, xi. 650, 654
- Finland, Geographical Society of, Bulletin of, xi. 390† ; Hall's station for physical geography observations at, viii. 397; North. Rabot's journey in, vii. 398; polar expedition to Sodankylä, result of the, vi. 581; photograph of sacred tree of, Grignort, xiv. 583; Scientific Results of the Kola Expedition in 1887-92, xiv. 865† ; Travels in, Zschokke, i. 284†
- Finmarkens Amt, Norway, Ethnographical Map of, xi. 702†
- Finsch, Dr. O., Reise nach West-Sibirien, 1876, i. 686† ; expedition to the North Pacific, ii. 50; explorations in Polynesia, iii. 180, 572; expedition to New Guinea, vi. 38, vii. 542, 670; Naturprodukte der Westliche Südsee, etc., ix. 782† ; Ethnologischer Atlas, Typen aus der Steinzeit New Guineas, xi. 121† ; Samoa-fahrten, xi. 121†
- Finsch haven, German settlement at, viii. 332; rainfall at, xiii. 176, 177
- Fiorini, M., Gerardo Mercatore e le sue Carte Geografiche, xii. 708† ; Le Projezioni Cordiformi nella Cartografia, xi. 636† ; Le Projezioni delle Carte Geografiche, iv. 391† ; Le Projezioni quantitative ed equivalenti della Cartografia, x. 607† ; Misure lineari, superficiali ed angolari offerte dalle carte Geografiche, viii. 674†
- Fiote language, the, vi. 190
- Fipa country, Tanganyika, iv. 6
- Firmin-Didot, M. Alfred, publication of Géographie de Ptolémée, v. 173
- Firuzkuh, Persia, v. 58, 67, 68, 172
- Firuzkuhi tribe, vii. 564, viii. 148
- Fischer, Andreas, Zwei Kaukasus-Expeditionen, xiii. 735†
- Fischer, Dr. G. A., ascent of the Tana river, xiv. 531; German expedition to Mount Kilimanjaro, v. 32, 103, 380, 428, 476, 478, 544, 558, 604, 658, 730; Journey in the Masai Country, vi. 76\* ; Mehr Licht im dunkeln Weltteil, vii. 618† ; on the resources of Africa, vii. 740; Masailand, viii. 128† ; expedition for the relief of Dr. Junker, vii. 338, 380, viii. 329, 330, 395, 648, 649, ix. 45, 341; obituary of, viii. 791
- Fischer, Dr. Hans, Die Äquatorialgrenze des Schneefalls, x. 607† ; (and Prof. L. H. Guthe), Handkarte von Palästina, xiii. 696
- Fischer, Th., Kartenskizze der Geographischen Verbreitung der Dattelpalme, iii. 381† ; fac-similes of old maps of the world, iv. 326; on the climate of Mediterranean countries, iv. 632, 634; orohydrographische Wandkarte von Europa, vi. 427; on changes of the coast-line in Northern Africa, ix. 242
- Fisher, F. H., and E. T. Atkinson, Statistical, etc., Account of the North-Western Provinces of India, vi. 300, 354†

- Fisher, Rev. O., Physics of the Earth's Crust, xi. 518†
- Fishes, Freshwater, of Europe, by H. G. Seeley, viii. 478†
- Fisht mountain, Caucasus, xiv. 177
- Fitch, J. G., on geographical education in training colleges and elementary schools, x. 297
- Fitz-Patrick, Mr., An autumn cruise in the *Ægean*, ix. 323†
- Fitz-Roy, Capt., survey of the Galapagos islands, ii. 745
- Fitzroy river, Australia, ii. 512, 513, v. 722, ix. 695
- Fjelde, Capt., report on ice off Iceland in 1882, iv. 498
- Flamini island, West Africa, v. 702
- Flanders, Mercator's great map of, photo-type reproduction of, Maes, iv. 578
- Flatters, Col., expedition to the Saham, ii. 438, iii. 52, 184, 242, 243, iv. 363
- Flegel, E. R., map of the Binué river, from Djen to Ribago, ii. 334; explorations in the Niger-Benne region, iii. 371, iv. 106, 568, v. 551, 659, 731, vi. 376, 662, 688; Reise von Rabba nach Sokoto und zurüch, map, Kiepert, iv. 128; discovery of the sources of the Benue and Logone, v. 360; Kartenskizze der Gegenden im Süden des Benué, v. 504; map of the Amambara river, vi. 238; obituary of, viii. 654; Vom Niger-Binué, Briefe aus Afrika, xii. 437†
- Fleischhauer, W., Karte d. Landdrostei-Bez. Hildesheim, iii. 508
- Fleming, S., Canadian Pacific Railway, i. 78†; Report, etc., on the same, i. 478, ii. 459†; England and Canada, vi. 544†; Universal or Cosmic Time, vii. 620†
- Flemming, C., Oestliche und Westliche Halbkugel, maps, xiv. 199
- Fletcher, J. C., and D. P. Kidder, Brazil and the Brazilians, i. 479†
- Fletcher, Mr., report on surveys in Nova Scotia, iv. 517
- Flett, A., on the depth of frozen soil at Fort Macpherson and Mackenzie river, viii. 741, 744
- Flint, Dr. Van, journey across Africa, vii. 183
- Flint, Mr., on Im Thurn's journey in British Guiana, ii. 488; visit to Mt. Roraima, vi. 671, vii. 528
- Floating-wood Lake, North America, v. 647
- Floeberg ice of the Arctic Seas, and stratification of, viii. 164, 165, 173
- Flora, Cape, Franz-Josef Land, v. 206, 211
- Florence Bay, Lake Nyassa, i. 298
- Flores, island of, Herr von Schelle's exploration of, the, xii. 467; town of, Guatemala, v. 191; its height above sea-level, viii. 335
- Florida—**  
 Climate of, Cridland, iii. 50  
 Explorations on the west coast of, etc., Heilprin, ix. 589†  
 Forest region of, xii. 429
- Florida—continued—**  
 Handbook of, Norton, xiii. 186†  
 History of Hernando de Soto and, Shipp, iv. 445†  
 Maps of:—Rand, McNally & Co., vii. 267; Williams and Bushnell, ix. 724  
 Of To-day, Davidson, xi. 189†  
 Orange County, viii. 407†  
 Scenery, climate, etc., of, Lanier, vii. 491  
 Florida island, Solomon islands, latitude of, xii. 415  
 Florio-Sartori, F., Island of Caprera and the Hero of the Two Worlds, xi. 114†  
 Flower, C. E., Algerian Hints for Tourists, xii. 53†  
 Flower, Prof., on the exploration of the Little Andamans, x. 576  
 Floyer, E. A., journey in Persia, i. 333; Unexplored Baluchistan, iv. 441†; on roads in Persia, v. 124; on the Nile route from Halfa to Debba, vi. 579; Two Routes in the Eastern Desert of Egypt, ix. 659\*
- Fly river, New Guinea, vi. 204, 205, 217, xiv. 789; Australian expedition to, viii. 101, 433; coast by the delta of, v. 506; journeys up, D'Alberty, i. 4\*; navigation of, MacGregor, xii. 352, 690
- Flying Fish*, survey work of, iv. 554; visit to Christmas island, x. 615
- Fou, M., voyage up the river Wheni, xi. 98; travels in Central Africa, xiv. 339
- Foerster, Prof., investigations on the Krakatca eruption, xi. 252
- Foncin, P., Géographie Générale, x. 111†; on the use of the French language in Switzerland, viii. 60
- Fond-du-Lac, Fort, and river, Athabasca, v. 645, 652, 653
- "Fonds des Voyages," proposal for the restoration of the, v. 44
- Fonseca, S. America, iii. 716
- Fontana, Lieut.-Col., journey along the Chubut river, Patagonia, viii. 527
- Fontane, M. Marius, "L'Histoire Universelle," relating to Egypt, v. 43†
- Foot, Capt. C. E., v. 659, 730; on Usambara, i. 94; on Thomson's progress in East Africa, ii. 265; on Last's visit to the Musai, v. 541; progress of journey in E. Africa, vi. 476, 578
- Foot Point, E. Africa, xii. 139
- Fôrâwa tribe, Sudan, xi. 574
- Forbes, Anna, Insulinde, Experiences in the Eastern Archipelago, ix. 778†
- Forbes, C. J. F. S., British Burma and its people, etc., i. 76†; obituary of, ii. 417
- Forbes, Ed., views of, on the geographical distribution of living forms, iii. 600, 601
- Forbes, H. O., Notes on the Cocos or Keeling Islands, i. 777\*; travels in the Eastern Archipelago, v. 656, 657; Exploration in the Tenimber Islands, or Timor-laut, vi. 113\*; the Volcanic Eruption of Krakatau, vi. 142, 219\*; A Naturalist's Wanderings in the Eastern Archipelago, vii. 483†; expedition to New Guinea,

- Forbes, H. O.—*continued*—  
 v. 408, vi. 372, 403, vii. 383, 424, 607, 669, 815, viii. 43, 268, 332, 433, 524, 648, 795, ix. 508; grant by the British Association for, vii. 674; subscription for, vii. 815; on Christmas Island, x. 624; on the Owen Stanley Range, xii. 558\*; on the nomenclature of Owen Stanley Peaks, xii. 698; visit to the Chatham islands, etc., xiv. 718; British New Guinea as a Colony, xiv. 662†
- Forbes, Litton, notes on the territory of Arizona, v. 667; on the geography and meteorology of Kansas, iv. 641
- Forcados river, West Africa, x. 762
- Foreign Missions, Fifty Years of, Smith, ix. 62†; Proceedings of the Midway Park Conference on, 1878, ix. 61†
- Foreign Travel, Reminiscences of, Crawford, x. 480†
- Forel, Dr. F. A., L'Avalanche du Glacier des Têtes Rousses, xiv. 658†; Le Lac Leman, ix. 258†
- Foreman, John, the Philippine Islands, xiii. 691†
- Forest-growth on arid lands, Powell on, x. 793
- Forests, influence of, on rainfall, Blanford's and Gannett's investigations on, x. 40, 98, xi. 43
- Forg, Persia, xii. 580, 581
- Formosa—  
 Characteristic Traits of the Island, etc., Taylor, xi. 224\*  
 Chinese Government's new capital at, viii. 720  
 Harbours of, vii. 3, 22, 251  
 Island of, vii. 251, 400  
 Journey in, Warburton, xi. 742  
 North, Hancock, v. 674; map of, Paterson, v. 54  
 Overland Journey through Southern, Beazeley, vii. 1\*  
 Rainfall in, effects of, Thompson, xiv. 712  
 Sulphur Springs of, vii. 21, 22
- Forrest, A., expedition in North-Western Australia, i. 277, ii. 126, 512; Journal of the same, ii. 711†; map of route, ii. 464
- Forrest, G. W., Selections from the Letters, etc., preserved in the Bombay Secretariat, viii. 610†
- Forrest, Hon. John, map of Western Australia, i. 750; explorations in North-West Australia, v. 722; report on the Kimberley gold fields, viii. 646; geographical work in Western Australia, 1870-87; ix. 693
- Forrest, R. J., on the Province of Shansi, ii. 47
- Forster, Prof., on the changes of the earth's axis of rotation, xiii. 234; on the unification of the hour, the initial meridian, and the metric system, xiii. 733; on the upper strata of the atmosphere, xiii. 437
- Forsyth, Sir T. Douglas, on passes leading to Bamian, etc., i. 256; on Morgan's visit to Kuldja, iii. 168; obituary of, ix. 123; Autobiography and Reminiscences of, x. 318†
- Fort Dauphin, Madagascar, xiii. 61, 368
- Fort Rae, Canada, British meteorological expedition to, iv. 293
- Fort Salisbury, Mashonaland, position of, xiii. 18 note, xiv. 239; Selous on, xiii. 609
- Fort Victoria, gold-bearing reef near, xiv. 299
- Fortescue, G. K., Subject Index of the Works added to the Library of British Museum 1880-85, ix. 134†
- Forth, Firth of, physical geography of, Mill, xiv. 627
- Forwood, Mr., on the formation of a Liverpool geographical society, xiv. 49
- Foster, J. J., The Jendou Caves, xii. 641†
- Foster, Mr., Journey in Mashonaland, xii. 349
- Fotheringham, L. M., Adventures in Nyasaland, xiii. 239†
- Foucauld, Vicomte C. de, journey in Morocco, vi. 475, vii. 547; award of Paris Geographical Society's medal to, vii. 251, 547; Reconnaissance au Maroc, 1883-84, x. 670†
- Fougla, latitude of, x. 162
- Fou-nan-fou or Din-yuan-in, v. 168
- Fouqué, F., Santorin et ses Éruptions, i. 282†
- Foureaux, M., journey from Uargla to El Erg, ix. 203; explorations in the Sahara, xii. 428, 554, xiv. 559
- Four Forks Channel, Athabasca, v. 641, 612
- Fournier, M. A., journey in West Africa, xiii. 180; return of his expedition to the Shari region, xiii. 687
- Fournel, Marc, La Tripolitaine, x. 50†
- Fournereau, M., expedition to Indo-China, x. 389, xi. 48; Les Ruines Kmers du Cambodge-Siamois, xi. 313†
- Fournier, Felix, death of, vii. 48; bequest to Paris Geographical Society, vii. 547
- Fousang, the Country of, Schlegel, xiv. 570†
- Fowler, Mr., Explorations in British Honduras and Guatemala, ii. 129; visit to ruins in Yucatan, ii. 581
- Fowler, Sir R., on Bechuanaaland and the Land of Ophir, x. 731
- Fox, Capt. G. V., on the landfall of Columbus, vi. 586
- Fox, Capt. L., North-West Fox, vii. 490†; voyage to Hudson's Bay, x. 552
- Fox, G. E., Excavations on the Site of the Roman City at Silchester, xiv. 722†; Discoveries of Roman Remains in Lincoln, xiv. 722†
- Fox, H., and W. F. Donkin, disaster to, in the Caucasus, x. 715, 790. See Donkin.
- Fox Channel ice, vii. 463
- Fox telegraph expedition to Greenland, xi. 485

**Fraas, Dr. O.**, *Aus dem Orient*, i. 147 †; on the climatic changes of North Africa, iv. 634

**França Leite, Dr. R. N. da**, *Attempt to Colonise the Banks of the Rio Dôce*, x. 66, 67

**France** [*see also French*]  
*Album de Statistique Graphique de 1885*, ix. 67  
 And her Colonies, *Menuel's map of*, x. 673  
 And neighbouring countries, *map of (physical and military)*, ii. 203  
 As compared with Germany, vi. 235 †  
 As it is, *Lebon and Pelet, transl. Arnold*, xi. 52 †  
*Atlas of Vuillemin*, vii. 272; *id.*, historical, Longnon, vii. 270, x. 260  
*Census of, 1886*, ix. 53, 586; *Statistical Results of*, xi. 52 †  
*Central Plateau of, Geological Development of*, Frech, xi. 459 †  
*Coast Line of, Dunkirk to Mont Saint-Michel*, vi. 53 †  
*Colonial, Norman*, viii. 803 †  
*Colonial expansion of, Lanessan*, ix. 60  
*Congress of Geographical Societies of, 1880, report on*, Rawson, iii. 55  
*Deep lakes of, Delebecque's survey of*, xiv. 556  
*Equinoctial (Guiana, etc.)*, Coudreau, ix. 716 †  
*Fundamental Divisions of the Soil of, V. de la Blache*, xi. 187 †  
*Garrisons of, maps of environs of*, i. 745  
*Geological maps of* :— v. 183, vii. 350, ix. 591, xi. 520, xiv. 731; *Elie de Beaumont, etc.*, iii. 116; *Vasseur and Carez*, viii. 213  
*Handbook for Travellers in*, Murray, xiv. 194 †  
*Historical geography, Professorship of, in*, xiv. 408  
*In North Africa*, Vignon, ix. 649 †  
*Itinerary, General, of, Auvergne, etc. (Joanne guides)*, xiv. 865 †  
*Lecture de la Carte de, Le Jura, Berlioux*, ii. 458 †  
*Library of the War Department, Catalogue of*, xi. 636 †  
*Maps of* :— *Bonnefont (wall)*, vi. 173; *Dépôt de la Guerre*, i. 745, ii. 203; *des fortifications*, ii. 74, 395, 714, iv. 123; *Garnier frères*, vii. 264; *Guillemin (relief)*, v. 175; *Guillot (departments)*, x. 113; *Leuzinger*, ii. 656, vii. 350; *Pigeonneau and Drivet*, i. 154; *Rand, McNally and Co. (pocket)*, xiv. 732; *Service Géographique de l'Armée*, xiv. 731, 879; *Service Vicinat*, i. 815, ii. 524, iii. 116, 508, 765, iv. 579, 706, v. 435, 683, vi. 873, 486, vii. 198, 246, 350, 621, 834, viii. 213, 412, 540, ix. 463, 591, 723, x. 55, 321, 673, xi. 257, xii. 308, 506, xiv. 507, 812; *Vivien de St. Martin*, vi. 358, 753; *Vogel*, xi. 702

# France—continued—

*Nautical training in*, iv. 301  
*Navigable rivers, etc., of, map of*, vi. 107, 237, ix. 463, 526, xiv. 429; *manual of distances on*, ix. 57 †  
*North-eastern, Hare*, xiii. 52 †; *map of*, ix. 137  
*North-east frontier, map of*, v. 627  
*Northern, Baedeker's Handbook for* †, vii. 127, xi. 458; *map of*, viii. 675  
*Parishes, etc., of, general dictionary of*, Santini, i. 283  
*Photographs of, Jackson*, xiii. 700, xiv. 664, 816  
*Population of, Chirvin on*, ix. 204, xi. 181; *displacement of, influenced by physical geography*, Levasseur, xiv. 317  
*Railways of, maps of*, xiii. 190; *Moser*, i. 746; *Thuillier*, v. 627  
*River basins of, Atlas of, Vuillemin*, i. 224, vi. 243  
*Roof of (Causses of the Lozère)*, Betham-Edwards, xii. 243 †  
*Seaports of, atlas of*, i. 540  
*South-central, Canon of the Tarn*, xi. 178  
*Southern, Baedeker's Handbook for* †, vii. 127, xiii. 238  
*Statistics, official, of, Levasseur*, vii. 616 †  
*Voyage along the coasts of, Burat*, ii. 269 †  
*Watering places of, map of*, i. 154  
*Waterways of, map of*, iii. 765; *map of*, i. 154  
*Franceville, Ogowe Region*, iii. 359, 485, vi. 48, 512, 622; *position of*, ix. 189  
*Francis, F.*, *Saddle and Moca-sin*, ix. 461 †  
*Franciscans, Bibliography of, Civezza*, ii. 326 †  
*Franco, Dr.*, *expedition to Umzeila's country*, v. 33  
*François, Commandant von*, *journey in Togoland*, x. 799; *to Salaga*, xi. 561; *expedition to the River Okavango*, xiv. 339  
*Frankfort-on-Main Geographical Society, proceedings of*, 1886, ix. 56  
*Frankfort-on-Oder, map of district of*, ix. 326  
*Frank Lawes Mount, height of*, xi. 606  
*Franklin, Capt.*, *letter from, on the longitude of Paria*, i. 217  
*Franklin, Sir John*, *Life of, and the North-West Passage*, A. H. Markham, xiii. 509 †; *search expeditions, work of the*, iii. 675, 676; *Journal of H.M.S. Enterprise*, Collinson, xii. 182 †; *search for the relics of expedition of*, ii. 658, 660; *visit to Lake Athabasca, in 1829*, v. 648  
*Franktown, W. Africa*, v. 711, vi. 624, 657  
*Franz, J.*, *Eisenbahn und Dampfschiff-routen-Karte von Europa*, ii. 395  
*Franz-Josef Land, discovery of*, iii. 678; *expeditions to*, iv. 38-41; *Hovgaard's*, iv. 499; *Leigh Smith's*, ii. 689, iii. 731; *his discoveries*, iii. 131; *Second Voyage to*, v. 204 \*

- Frauzoj, A., *Continente Nero*, vii. 618 †  
 Frasca, M., on the condition of Assab, vii. 115  
 Frazer, J. G., *The Golden Bough*, etc., xii. 708 †; *Totemism*, ix. 783 †  
 Frazer river, *British Columbia*, ii. 576; salmon fisheries of, xiii. 68  
 Fream, Prof. W., *Agricultural Canada*, xi. 255 †  
 Frederickson, A. D., *Ad Orientem*, xi. 755 †  
 Freeman, Dr., exploration in West Africa, xii. 666  
 Freeman, E. A., the Historical Geography of Europe, iii. 375 †; his Services to Geography, xiv. 401 \*  
 Fregeiro, C. L., *Diccionario Geográfico e Histórico del Río de La Plata*, i. 285 †  
 Fremont, Major-General J. C., obituary of, xii. 563  
 French-Sheldon, Mrs., visit to Kilimanjaro and Lake Chala, xiii. 431, 633  
**French—**  
 Alpine Club, *Annual of*, ix. 719 †  
 Army Geographical Service Exhibits, Paris, 1889, xi. 575 \*  
 Cartographers, early, xiii. 625  
 Colonies:—Atlas of, Meyer, viii. 346; Geography of, Historical, etc., Gafarel, i. 743 †; Illustrated Notices of, with Maps †, xii. 642, xiii. 186; map of, Levasseur, i. 410; Notices of, for Antwerp Exhibition, viii. 346 †; Resources, etc., of, Bonwick, viii. 603 †; Scientific Colonization of, Bordier, vi. 544 †; Statistical Notes on, vi. 56 †  
 Exhibits at Venice Geographical Congress, iii. 750  
 Expeditions, surveys, etc.:—In Africa, vi. 588, 589, xii. 378, xiv. 371; *id.*, West, i. 358, ii. 42, 628, 690, iv. 46; America, Central, ii. 252; Asia, ii. 252, x.v. 371; Burma, iv. 379; Cape Horn, v. 560, 562; Guinea, Upper, xiii. 556; Indo-China, iv. 762; Lake Chad, xiv. 412; Madagascar, x. 649, xiii. 106, xiv. 739; Ogowe, i. 129; Senegal, ii. 185, 562, iii. 176, ix. 509; Sumatra, iv. 379; Various, iii. 668  
 Exploration, Government grants for, vi. 91  
 Geographical Societies, Congress of, i. 456, iii. 55, vi. 231, xiv. 555  
 Government services, geography in, xi. 179  
 Hydrographic charts, i. 158, 414, ii. 399, iii. 124, 446, 703, iv. 455, v. 311, 687, vi. 304, vii. 269, 415, 624, viii. 288, 678, ix. 329, 727, x. 187, 612, xi. 260, 322, 379, xii. 192, 575, xiii. 312, 698, xiv. 203, 735  
 Mission at Ope Lopez, vi. 481; missionary expeditions to Central Africa, iii. 42  
 Possessions in Africa, vi. 615, xii. 656; in Madagascar, i. 655, 658; in the Red Sea, vii. 107, 108

**French—continued.**

- Scientific Mission to Cape Horn, xii. 706 †  
 Stations in Africa, v. 43; in Usagora, ii. 518; on the Ogowe and Congo, iv. 510, 511  
 Topographical Society, work of, vi. 234  
 Frenzel, C., and G. Wende, *Deutschlands Kolonien*, xii. 308 †  
 Frere, Mary E. T., Obituary Notice of Sir Bartle Frere, viii. 281 †  
 Frere, Sir Bartle, on the proposed African overland telegraph, i. 270, 271; on Temperate South Africa, iii. 1 \*; on the Mahratta countries, iv. 479; on the Earl of Mayo's journey in West Africa, v. 471; on Lessur's journey in the Turkman country, v. 21; obituary of, vi. 403  
 Frere town, Africa, v. 544  
 Freshfield, D. W., editor (in part) of *Hints to Travellers*, xi. 701; Exploration in the Caucasus, with Déchy, ix. 617, 767; in 1890, xiv. 100 \*; Notes on "Mount Everest," viii. 176 \*; on the Conservative action of Glaciers, x. 779 \*; on Col. Tanner's report, vii. 753; obituary of A. W. Moore, ix. 200; on Sternberg's ascent of Mount Elbruz, xi. 99; on the map of Elbruz, etc., xi. 373; on heights of peaks in the Maritime Alps, ii. 190; on John Ball and the "Alpine Guide," xii. 106; on the accident to Messrs. Donkin and Fox, xi. 559; on the identification of Mount Everest, xiii. 109; on the name of Mount Everest, viii. 38; on the pass of Hannibal, in the Alps, v. 553; Ostern in Afrika, xi. 58 †  
 Remarks on papers on:—Alaska, etc., ix. 280, xiii. 85; Western Algeria, viii. 734; ascents in the Himalayas, vi. 447; Asia Minor, vi. 323; the Basardjusi district, xiii. 328; the Caucasus, xi. 369 *et seq.*; Cilicia Tracheia, xii. 462; geographical appliances, viii. 125; geography in its relation to history, viii. 193, 195; Kilimanjaro, xii. 345; meteorological results of the *Challenger* expedition, xiii. 156; Mount St. Elias, xi. 433; the New Zealand Alps, vi. 67; the Pamirs, xiv. 29, 234; scientific aspects of geographical education, viii. 202; the scope and methods of geography, ix. 172; the Selkirk range, xi. 170  
 Remarks on Mr. Stanley, xi. 272, 740, xii. 491; on the public schools' medals, 1880, ii. 452; on the death of Mr. Bates, xiv. 191  
 Search and Travel in the Caucasus, xii. 257 \*; Six Weeks Travel in the Central Caucasus, ix. 777 †; Suanetia, x. 325 \*; the Alpine Notes of Leonardo da Vinci, vi. 335 \*; the Alpine Pass of Hannibal, viii. 638 \*; the Peaks, Passes, and Glaciers of the Caucasus, x. 677 \*; the Place of Geography in Education, viii. 698 \*; Russian Travellers in the Caucasus, vii. 597 \*

Frey, Colonel H., *Campagne dans le Haut Sénégal et Niger*, x. 541 †  
 Freytag, G., maps by:—*Austria-Hungary*, xiii. 131; *Afghanistan*, vii. 411; *Balkan Peninsula*, viii. 63; *Great Glockner group*, ii. 656; *Lower Austrian and Styrian border range (for tourists)*, iv. 327, v. 568; *West Russia (general and road)*, viii. 348  
 Friday island, New Guinea, v. 517  
 Fried, Franz, map of Germany, v. 500  
 Friedemann, H., *Schulkarte von Europa*, iv. 456  
 Friederichsen, L., *Die deutschen Seehäfen*, xii. 433, xiv. 556; *Karte des Handels-Gebiets von West-Aequatorial-Afrika*, i. 286; *von Ober Guinea*, vii. 352; *Linien gleicher magnetischer Variation (chart showing)*, ii. 463  
 Friedrich, K., *Die La Plata-Länder*, vi. 420 †  
 Friedrich, L., *Post und Eisenbahn-Karte von Deutschland*, etc., i. 411  
 Friendly islands, volcanic eruptions in, Baker, viii. 49  
 Frislanda, or Færøe islands, v. 725  
 Fritsch, G., *Die Eingeborenen Süd-Afrika's*, i. 203 †  
 Fritzsche, Dr. H., *Beitrag zur Geographie und Lehre vom Erdmagnetismus*, vii. 556 †  
 Fritzsche, M., *Paris Society's medal awarded to*, ix. 255  
 Fritzsche, G. E., *Nuovo Atlante Geografico ad uso delle Scuole*, viii. 544, ix. 67, xi. 64  
 Fröbisher, Joseph, *explorations of Lake Athabasca*, v. 648, 651  
 Frodsham, T., *Track to Macquarie Harbour*, i. 223 †  
 Froude, J. A., *Oceana*, viii. 347 †; *the English in the West Indies*, x. 108 †  
 Frozen Soil in the Polar Regions, Report on the Depth of, Lefroy, ix. 769 \*  
 Fry, H., London, xi. 390 †  
 Fuchs, M. Edmond, *journey in Indo-China*, v. 237  
 Fu-Ch'uan Ssu, China, v. 31  
 Fuego, volcano of, Guatemala, v. 190, 670  
 Fuen-ho river, xii. 60  
 Fuentes, Father, *travels in Tongking*, vii. 255, 256  
 Fujinoyama mountain, ix. 87  
 Fu-khan, Central Asia, xii. 81  
 Fulbe tribe, W. Africa, xii. 168, xiii. 469, xiv. 262  
 Fulford, H. E., *journey in Manchuria*, viii. 779, ix. 587 †  
 Fu-lin, China, xiii. 334  
 Fullerton, Lieut., *journey through Harar*, vii. 121  
 Fundacion, Rio, or San Sebastian, S. America, iii. 720  
 Fungo, E. Africa, iv. 732  
 Fungs, or Funs, of Beni Amer, xiv. 548  
 Furufjord glacier, Iceland, x. 307  
 Fuss, V., *Results of the Siberian Leveling, 1875, 1876*, viii. 61 †

Futa Jallon, Across, E. Noiro, vii. 55 †;  
 Bayol's journey to the highlands of, iv. 178; *From the Atlantic to the Niger*, Sanderval, iv. 182 †  
 Fwambo, Central Africa, xii. 737  
 Fyfe, L. R., and Sinclair, A. C., *Jamaica*, vii. 768 †  
 Fylla, expedition to Greenland, viii. 724  
 Fytche, General A., *obituary of*, xiv. 476

## G

Gaabarta Lake, E. Africa, vii. 459  
 Gabardai race, Asia Minor, vi. 314  
 Gabelentz, Prof. G. von der, *the Languages of Melanesia*, ix. 59 †  
 Gabés, town of, N. Africa, iv. 634; *Gulf of*, xii. 625  
 Gabun, Crampel's journey into the interior of, xi. 437; *early explorations in*, iii. 684; *French territory of*, xii. 660; *area of the same*, vi. 622; *map of the Colony of*, xiii. 62  
 Gadibursi tribe, Somaliland, ii. 630  
 Gaebler, Ed., *Deutsche Kolonialkarte von Afrika*, xii. 310; *Special Atlas der berühmtesten Gegenden und Städte Deutschlands und der Alpen*, iv. 456, 584; *Wandkarte der Oestlichen und Westlichen Erdhälfte*, x. 55  
 Gaffard, Prof., *on the journeys of the Corte Real family*, xiii. 43  
 Gaffarel, Paul, *L'Algérie, Histoire, Conquête et Colonisation*, v. 112 †; *Les Colonies Françaises*, i. 743, xi. 397  
 Gaillard, M., *journeys in the Congo Region*, xiv. 720  
 Gakbo river, Tibet, vii. 316  
 Gakuch, xiv. 27  
 Galai Koh range, vii. 164  
 Galapagos Islands, v. 354; *discovery of*, O. R. Markham on, xiv. 314; *fauna and flora of*, ii. 755; *visit to*, A. H. Markham, ii. 654, 742 \*; *id.*, Wolf, ii. 325 †  
 Galcha tribe, Central Asia, ii. 765, vi. 492  
 Galiano, P. A., *Memoria Sobre Santa Cruz de Mar Pequeña*, etc., i. 405 †  
 Galignani's Traveller's Guide through France, x. 745 †  
 Galindo, Col., *description of vault in the ruins of Copan*, viii. 585  
 Galla Country—*area and population of states of*, vii. 104; *Borelli's explorations in*, x. 451, xi. 560; *Masai attack on an English mission station in the*, viii. 525; *Southern, fourth journey to*, Wakefield, i. 684, iv. 368; *Stecker's journey in*, map of, Fritzsche, xiii. 696  
 Galla tribe, iii. 588, xii. 134, xiv. 521, 522, 820; *graves at Sa'du-d-din island*, vii. 696  
 Gallego, Hermandad, xii. 401  
 Gallegos river, Patagonia, ix. 518  
 Gallenga, A., *South America*, ii. 783 †



- Gallieni, Lieut.-Col., expedition from the Senegal to the Niger, ii. 185, 562, iii. 176, 311, 364, 502; work on the Niger, v. 36; medal awarded to, by Paris Society, v. 358; Mission d'Exploration du Haut-Niger, vii. 196†; survey between the Senegal and Gambia, ix. 456
- Gallinas river, Sierra Leone, xiv. 434
- Gallonédec, Prof. L., La Sologne, xiv. 722†
- Gallrut Glacier, Alps, xiv. 468
- Gallwey, Capt. H. A., explorations on the Oil Rivers, xiv. 322
- Galodnaya steppe, Turkistan, xiii. 24
- Galton, Francis, Narrative of an Explorer in Tropical South Africa, etc., xi. 751†
- Obituary of Rev. G. Butter, xii. 236; on chairs of geography at the Universities, i. 339; on the exhibition of geographical appliances, viii. 54; on isochronic passage-charts, iii. 657; on schools, etc., examinations and prizes, i. 468, iii. 434, iv. 434, v. 422, 423, x. 468; on winds of the S. African plateau, ii. 135; remarks after papers on:—the alpine regions of Alaska, ix. 285; Central Africa (Junker), ix. 417; Central South Africa, ii. 182; Congo river, v. 711; the river Cunéné, v. 470; geographical appliances, viii. 121; geographical education, viii. 120; geographical evolution, i. 443; Gold Coast, iv. 506; journeys between Quillimane and Blantyre, vii. 190; the Masai country, vi. 711; meteorological results of the Challenger expedition, xiii. 155; the Rovuma river, iv. 88; the scope and methods of geography, ix. 165; reminiscence of Mr. Bates, xiv. 255; the equipment of exploring expeditions now and fifty years ago, iii. 608
- Galton, Sir Douglas, remarks on the state of Ordnance survey maps, xii. 683
- Gambaga range, W. Africa, xii. 168
- Gambia, climate of, Carter, ix. 240; French possessions in the basin of, xii. 656; map of Gouldsbury's expedition to, iv. 581; the Anglo-French boundary on the, xiii. 609
- Gambino, G., Popolarità e Diffusione degli Studi Geografici, etc., ix. 783†
- Gamble, J. S., catalogue of printed books, etc., relating to Africa. Part II. Climate and Meteorology, ix. 320†; Altitudes of Places in South Africa, ix. 320†
- Gambos Fort, South-west Africa, v. 464
- Gamél, Augustin, v. 603, 660; provides funds for Hovgaard's expedition, v. 378
- Gamwell, S. C., Official Guide and Handbook to Swansea, ii. 634†
- Gan, K., Ivestiya drevnikh Grecheskikh i Rimskikh pisatelei o Kavkazé, xiii. 734†
- Gamboma river, Senegal, v. 298
- Gancedo, A., Memoria descriptiva de la Provincia de Santiago del Estero, viii. 407†
- Ganchū, river Congo, v. 577
- Gand (Ghent), plan of, Kips, ix. 326
- Gandak river, India, xiii. 419
- Ganges river, xiii. 280
- Gannett, Porter, and Jones, Messrs., the West: from the Census of 1880, iv. 325†
- Gannett, Prof. H., altitudes in the United States, vii. 543; on the influence of forests on rainfall, x. 98, xi. 43; on the distribution of population in the United States according to rainfall and altitude respectively, xiii. 230, 612; on the mother maps of the United States, xiv. 459
- Ganzenmüller, K., Tibet, i. 77†
- Gara tribe, Arabia, viii. 100
- Garangar, G., expedition to Upper Burma, iv. 379
- Gara-su gorge, Caucasus, xiv. 113
- Gara Tau pass, Caucasus, vii. 599 note.
- Garbatus mountain, Ptolemy's position of, xiii. 544
- Garceau, Golfe du Tong-kin, map of, iv. 450
- Garde, Lieut., Danish expedition to Greenland, vi. 538, vii. 385
- Gardiner, Capt. A. F., Journey to the Zoolu Country, i. 203†
- Gardner, C. T., on the course of the Sanpo, iv. 272; report on Manchuria, vii. 745; on Shantung Province, ii. 635
- Gardner, J. T., on the New York State survey, i. 596
- Garenganze, or Katanga country, xi. 76; Journey to, Sharpe, xiv. 36\*; expedition to, Arnot, xi. 65\*, xii. 667, xiii. 688; Pioneer Mission Work in, *id.*, xi. 253†
- Garger river, barrier to the, xiii. 594
- Garlington, Lieut., Arctic voyage of, vi. 223
- Garmab pass, difficulties of road-making through the, v. 6
- Garm Dush valley, Persia, v. 76
- Garmsil region, i. 196
- Garmstr, wind of Turkistan, iii. 726
- Garna, village, Benue river, xiii. 465
- Garnak, H. B. W., Archæological Tour in the Panjáb and Rājputāna, 1883-84, x. 473†
- Garnier, Fr., De Paris au Tibet, iv. 574†
- Garnier, Jules, on aerial formations of soil, viii. 52
- Garnier, M., explorations in New Caledonia, i. 74
- Garo hills, Assam, v. 617, 619, 620
- Garrett, G. H., Sierra Leone and the Interior, etc., xiv. 433\*; award of Gill Memorial to, xiv. 316
- Garsippa Falls, S. India, viii. 684, x. 310
- Garson, Dr. J. G., on lands still available for European settlement, xiii. 34
- Garthok, Tibet, vii. 75
- Gascoyne river, Upper, Explorations on, Favenc, xi. 492\*
- Gasietaise country, population and extent of, i. 711
- Gastaldo's map of Italy, xiii. 621, 622

- Gasûs, Wadi, Ancient Inscriptions in, Schweinfurth, viii. 601 †
- Gauler, C. P., river named after, Athabasca, v. 648
- Gaul, ancient, map of, Malte-Brun on, i. 279; General Bibliography of, Ruelle, ii. 389 †
- Gautier, J., carte murale de l'Algérie et de la Tunisie, Cuénôt, ix. 724; de l'Europe, vi. 173
- Gaurisankar, bearings of, viii. 258, xiii. 109
- Gauthier, M., journey on the Upper Mekong, x. 597
- Gauthiot, M., on emigration to Canada, xi. 556; expedition to the Tumuc-Humac range, xi. 48
- Gautier, Lieut. A., journey in Cochin China, iv. 386, 437, 438, 564
- Gavarette, J., Carte de la America Central, iii. 512; de la República de Guatemala, iii. 512
- Gavmâsâ-rûd or Kara Châi river, Persia, x. 626 note.
- Gawa Island, New Guinea, xiv. 415
- Gawars, Turkistan, iv. 489, v. 2
- Gäwele tribe, E. Africa, vi. 264
- Gawler, Colonel J. C., obituary of, v. 388
- Gazaland, journey through, Doyle, xiii. 588 \*; *id.*, Jameson, xiii. 362; through, Gillmore, xii. 437 †
- Gaza tribe, xii. 351, 352
- Gazelle peninsula, New Britain, v. 511; natives of, xii. 238
- Gazelle*, *The*, deep-sea soundings of, viii. 333, 334; Forschungsreise, 1874 bis 1876, xiii. 131 †
- Gazer Gah, shrine of, viii. 147
- Gaz-Kul lake, xiv. 51, 124, 784
- Gbenma and Soro countries, inhabitants of, xiv. 434
- Ghorne, W. Africa, vii. 380
- Geary, G., Burma after the Conquest, etc., viii. 600 †; through Asiatic Turkey, i. 77
- Gebi, village and people of, Caucasus, x. 692
- Gebi-yesk Pass, Caucasus, vii. 598 note; (and Gurdiveak), x. 693
- Gebren Su valley, Asia Minor, x. 160, 161
- Gedge, E., Journey with Jackson to Uganda, xiii. 191 \*; photographs of Masai Land, etc., xiv. 140; on the Victoria Nyanza, xiv. 322; Captain Dundas's Voyage up the River Tuna, xiv. 513 \*
- Geelvink bay, New Britain, v. 516, vi. 203, 209; islands of, vii. 175, 176
- Geer, Baron G. de, geological expedition of, v. 107
- Geiger, Dr. Wilhelm, Die Pamir-Gebiete, x. 111, 254 †
- Geizer, J. L., obituary of, vi. 380
- Geikie, Prof. A., Geographical Evolution, i. 422 \*; Text-book of Geology, vii. 556 †; on geology in relation to geography, ix. 146, 147; the Scenery of Scotland, viewed in connection with its Physical Geology, ix. 710 †; Elementary Geography of the British Isles, x. 304 †
- Geikie, Prof. J., the Geographical Development of Coast-lines, xiv. 639 \*
- Geikie glacier, Selkirk range, xi. 160, 163
- Geiseler, Commander, Easter Island, v. 371 †
- Gela peak, Himalayas, viii. 188
- Geleisch, Prof. E., Die Materialien zur Vor-Jumbischen Geschichte Americas, xii. 438 †; Entdeckungswesen unternommen um die Nordwestküste Americas zu erforschen, xiv. 728 †; Studien zur Geschichte der Mathematischen Geographie, vii. 556 †
- Gele, Capt. van. See Van Gele.
- Geledi, E. Africa, v. 717; latitude of, vi. 257
- Geloger, Persia, v. 140
- General Villegas (Bariloche), pass v. 722
- Genest, P. M. A., Carte de la Nouvelle France, i. 157
- Geneva, canton of, geological map of, Favre, i. 612
- Geneva, lake of, depth of, ix. 686; Forcl's work on, ix. 258 †
- Genèvre, Mont, Alps, viii. 642, 644
- Genoa, Duke of, Voyage to Japan and Siberia, vii. 404 †
- Genoa, Geographical Congress at, 1892, proceedings of, xiv. 785
- Gensan, Korea, new port of, ii. 700; road from, to Seoul, viii. 306
- Geodesy, Astronomische Längenbestimmungendes K.K. Grädmessungs-Bureau, xiv. 662 †; work on, Clarke, ii. 462 †; *id.*, Gore, xiv. 197 †
- Geodetic Association, International, publications of †, ix. 524, x. 807, xi. 636, xiii. 59, 638; Institute. Royal Prussian, proceedings of, x. 47, 480, xi. 52, 191, 463, xiii. 187, 638; work in India, vii. 683
- Geographical—**
- Almanac, German, Miessler, vi. 607 †
- Annual, Maunoir and Duveyrier, i. 346 †
- Bibliographies—in the Berlin Society's *Zeitschrift*, vii. 343, viii. 193; list of, Jackson, iii. 638 †; propo-ed, vii. 387
- Conferences at Pau and Lille, xiv. 556
- Congresses—German, v. 43, xi. 251, 387; international, Venice (1881), iii. 235, 567, 745, 746, 749; report on, Baird, iii. 749; Paris (1889) \*, x. 477, xi. 178, 250, 506, 559; report on, Morgan, xi. 552 \*, 601 \*; Berne (1891), xii. 755, xiii. 483, 558; account of, xiv. 577 †; London, committee for, xiv. 177; Italian (1892), xiv. 785
- Department, British Museum, report on, Major, i. 395, ii. 437
- Discoveries, early, Ruge's history of, iv. 704 †; summary of, x. 206, *et seq.*
- Distribution of living forms, the, iii. 597
- Documents preserved in French National Library, selection from, v. 120 †
- Education. See below, p. 89
- Etymology, Blackie, ix. 783 †; Etymological Dictionary, Thomas, ix. 324 †

**Geographical—continued—**

- Evolution, A. Geikie, i. 422 \*
- Exhibitions—Berne (1891), xiii. 615;
- Brest, v. 429, 430; Danish (1882), iv. 424; Douai (1883), v. 427; Moscow (1892), xiv. 407; Nantes, viii. 270; New York (1891), xii. 755; Venice (1881), iii. 745-747, 749
- Illustrations, school-room chart of, Murby, iv. 456
- Inspector, appointment of, vi. 403
- Institutions, German, meeting of representatives of, 1881, iii. 439
- Lectureships. See Geography.
- Magazine, Goldthwaites', xiii. 177; New American, xii. 755
- Names, Foreign, Transcription and Pronunciation of, De Luze, v. 567 †; orthography of, xiii. 615, xiv. 47, 116, 118; Dalton on, xiv. 770; system of, R. G. S., vii. 535; *id.* French, viii. 790; in German Protectorates, xiv. 771
- Periodical, Colin & Co.'s new, xiii. 689
- Professorships at Oxford and Cambridge, memorial on, i. 261; in Europe, Wagner's report on, xi. 42
- Provinces, Hastian on, ix. 322
- Readers, Hughes' Picturesque, Langler, x. 256 †
- Serial, new, Penck's Geographische Abhandlungen, viii. 725
- Series, the London, K. Johns on †, viii. 132, xii. 60
- Societies, French, congress of, 1879, i. 456; New American, x. 168, Berlin, i. 132, Liverpool, xiv. 49; of the world, Behm on, i. 213; Wichmann on, xiv. 235; increase of, vi. 666, 688; Wagner on, xi. 42; year-book of, Dreyfus and Lacy, i. 457 †
- Statistical Dictionary, Ritter's, edit. Lagai, iv. 774 †
- Terminology, De Luze on, iii. 55, 56; Mackinder on, x. 732
- Text Book, Greek, xi. 193 †
- Year-book, Behm, i. 346 †, iii. 249; Wagner, vii. 264, viii. 281, ix. 394, xi. 191, 518, xiii. 189, xiv. 344
- Geographical Education [see also Geography]—**
- Aims and methods, Ravenstein, viii. 11
- Appliances used in exhibition of, London, 1885, vii. 513, 815; expenditure on, viii. 463; Keltie on, vii. 759; lectures and discussions on, viii. 116, 121, 193, 198; report on, viii. 52; results of, viii. 417-421; at the Manchester and Scottish Societies, viii. 271, 338; at Bradford, viii. 724; on view at Savile Row, ix. 764
- British Association Committee on, xi. 120
- Elementary, improvement in, vii. 465
- Incompleteness of, in England, viii. 420
- In elementary schools, R. G. S.'s prizes for the improvement of, ix. 757

**Geographical Education—continued—**

- In Germany, progress of, ix. 250
- In India, Odgers on, ix. 687
- In Portugal, De Mello on, x. 651
- In training colleges and elementary schools, Oakeley and Fitch on, x. 297
- Lectures to be given by the R. G. S., xiv. 47
- Lehmann, Dr., on, vii. 673
- Manchester Society's inquiries on, result of, viii. 338
- Measures adopted by R.G.S., viii. 527
- On the scientific aspects of, by Prof. H. N. Moseley, viii. 198
- Pictorial aids to teaching, Butler, ii. 619
- Prizes to students of training colleges, x. 234, 468, xi. 239, xii. 236, xiii. 231, xiv. 235
- Progress of, xii. 383; in England, Keltie, xiii. 629; at Oxford, Mackinder on, x. 531, xi. 502, 737, xii. 419, xiii. 428, xiv. 398; at Cambridge, Buchanan on, xiii. 428, xiv. 400, 491
- Work of the R. G. S. in the interests of, xiv. 361, 362
- Geography—**
- Aide-mémoire du Voyageur, Kaltbrunner, 63 †
- Aims and Uses of, C. R. Markham on, i. 602 \*
- Ancient, compendium of, Ki pert, i. 152 †; manual of, *id.*, iii. 250 †
- And astronomy, relations between, x. 151
- Annual Supplement to Cartography and, Schrader, xiii. 699 †
- Applied, Keltie, xiii. 60 †
- Artistic, Ménard, ii. 713 †
- Atlas of, Introduction to, Jomard, i. 409 †
- At the Brussels Exhibition, ix. 764
- At the Universities, committee for promoting the study of, viii. 740
- Celestial photography as a handmaid to, Schlichter, xiv. 714
- Class Book of, Clarke, xi. 517 †
- Colonial, Paris Chair of, xiv. 554
- Commercial, Atlas of, Bartholomew, xiii. 125; *id.*, Hastings (statistical), ix. 790; Berlin Society of, i. 132, ii. 191; German Society for, iv. 171; International Congress of, Paris, 1878, i. 74, 520; report of, iii. 507 †; Lectures on, notes of, Casartelli, vii. 696 †; the physical basis of, Mill on, xi. 625; works on:—Chisholm †, xi. 635, xii. 439, xiv. 505; Mill, xi. 122 †; Murray, ix. 652 †; Zehden, xi. 398 †
- Comparative, xi. 397 †; Summary of, Vogel, ii. 523 †
- Compendium of, Daniel, i. 151 †; Guthe, ii. 271 †; Sonklar, ii. 394 †
- Contemporary History and, Ducoudray, i. 151 †
- Cyclopædia (Library) of, Bryce and Johnston, iii. 63 †
- Dictionary of Universal, V. de St. Martin, i. 347 †

**Geography—continued—**

- Educational, Wagner on the progress of, xi. 43  
 Elementary, Clyde, xiv. 875 †  
 Field of, Cora on, viii. 337; Ravenstein on, xiii. 617 \*  
 For Schools, Hughes, Part I., Practical, x. 112 †  
 Freeman, Prof., and his services to, xiv. 401  
 General Class-book of, Mill †, xi. 576, xiv. 730; Text-book of, Daniel, i. 151 †; *id.*, Foncin, x. 111 †; works on, Herz, i. 396 †, Philipof, xiii. 130 †  
 Handbook of, Daniel, iii. 507 †  
 Historical, French Professorship of, xiv. 408  
 History, etc., of, De Luca, iii. 697 †; reports etc., on, Ruge, xi. 192 †  
 In Education, the Place of, Freshfield on, viii. 698 \*  
 In its relation to History, Bryce on, viii. 193  
 In the French Government services, xi. 179  
 Lectures on, establishment of, at the Universities, proposed, ix. 188, 333, 334; decided on, at Oxford, ix. 239, 254; appointment of Mr. Buchanan (Cambridge), xi. 374; of Mr. Oldham (Manchester), xiv. 316  
 Lectures on, at Cambridge, Strachey\*, x. 146, 205, 220, 275  
 Mathematical, handbook of, Günther, xii. 708 †; History of (and physical), Studies on, *id.*, i. 409 †; maps illustrating, Steinhauser, iv. 192  
 Modern, atlases of. *See* Atlases.  
 Modern, Class-book of, Hughes and Williams, xiv. 577 †; manual of, Lawson †, i. 346, ii. 202; *id.*, Richardson, ii. 783 †  
 National Institute of, at Brussels, v. 297  
 Object lessons in, Ravenstein, vi. 674  
 Of the Air, Greely, xiii. 638 †; of the Land, Ogden, *ib.* †  
 Physical, comparative, in its bearings on the History of Man, Guyot, xi. 192 †  
 Physical, Günther, xiv. 198 †; Klein, ii. 783 †; Lewi, ii. 202 †; Quackenbos, x. 398 †; Eclectic, Hinman, x. 691; meteorological results of the *Challenger* Expedition in relation to, Buchan, xiii. 137 \*; Popular Treatise on, Brown, x. 318 †; Six Lectures on, Houghton, ii. 394 †  
 Physical, Historical, etc., K. Johnston, ii. 326 †  
 Progress of, Hooker on, iii. 595 \*  
 Realistic Elementary, Baker, xi. 517 †  
 Recognition of, Heyes, x. 53 †  
 Relation of Topography to, Drapcyron on, xiv. 703  
 School, Clyde, xii. 307 †  
 Scientific, Journal of, edit. Kettler, ix. 263 †

**Geography—continued—**

- Scope and Methods of, Mackinder, ix. 141 \*  
 Studies in, and Natural History, Tchihatchef, xiii. 188 †  
 Study of, Cora on, viii. 131 †; prize for the encouragement of the, iii. 668; in and out of school, Stauber, x. 399 †  
 Teaching of, Hirschfeld on, xiii. 434; Jolly on, ix. 651 †; Rheam on, ix. 121; Warren on, ix. 629 \*; at the Universities, ix. 698; in Russia, Mill, xii. 669  
 Universal, Kirchhoff, ix. 653 †; *id.*, Reclus, edit., Ravenstein and Keane, x. 319 †  
 Uses and Study of, viii. 656 \*  
 Zeitschrift für wissenschaftliche G., ii. 143 †  
 Geok Chelar Hill, Afghanistan, vii. 571  
 Geok-tepeh, town of, i. 185, iv. 219, v. 1, 13; railway station at, xi. 283  
**Geological—**  
 Congress, International, fourth meeting, x. 40; reports of the, x. 807 †  
 Field Class, Excursions round London, Seeley, xi. 192 †  
 Folds, xiv. 691  
 History. Sketch of, Hull, x. 255 †  
 Mechanism, Wilson, xii. 366 †  
 Researches in N. E. Siberia, 1890, Obrutcheff, xiii. 506 †  
 Society of London, address at, Feb., 1886, Bonney, viii. 603  
 Survey maps, i. 156, 411, 541, 613, 748, ii. 204, 329, 717, 748  
 Survey of United States, Tenth Annual Report, xiv. 342 †  
 Surveys of Europe, National, Topley, viii. 402 †  
 Text-book, Geikie, vii. 556 †  
 Times, Later, Climatic Changes of, Whitney, v. 114 †  
 Geophysics, Contributions to, Gerland, x. 111 †  
 George, Capt. C., obituary of, ix. 126  
 George, Rev. H. B., on geographical education, viii. 118, 715  
 Georgetown, British Guiana, xiii. 567  
 Georgia Island, South, Dr. Schrader's observations on, vi. 663  
 Georgia, Kingdom of, Wardrop, x. 807 †  
 Gerard, E., the Land Beyond the Forest (Transylvania), x. 311 †  
 Gerard's old map of Russia, Stebnitsky on, xii. 50  
 Gerger or Kaisir Band stream, v. 155  
 Gergir, S. W. Persia, xii. 535, 543, 548  
 Gerland, Dr., Beiträge zur Geophysik, x. 111 †  
 Gerloguby, Somaliland, wells of, vii. 630, 631  
**German—**  
 African Society, dissolution of, xi. 562  
 African Society's expeditions in W. Africa, i. 145, 341, 535, 536, ii. 413, 777, 778, iv. 106, 678; in the basin of the Niger, v. 551

**German—continued—**

- And English territories in E. Africa, new boundaries of, ix. 188  
 Annexation on the West Coast of Africa, vii. 183; in E. Africa, vii. 239  
 Antarctic expedition, x. 712  
 Cartographers, early, xiii. 623, 624  
 Census of 1885, results of the, viii. 102, 270, 398, ix. 53  
 Colonial Congress at Berlin, viii. 746;  
   Enterprise, Yearbook of, xi. 518 †;  
   History, Koschitsky, x. 181 †; map,  
   Kettler, xii. 55; society, organ of, viii.  
   193; mission of, to Usugara, vii. 393,  
   399; Yearbook, xii. 308 †  
 Colonies, works on, Frenzel and Wende,  
   xii. 308 †; Jung, viii. 539 †  
 Exhibits at the Venice Geographical  
   Congress, iii. 752  
 Expeditions and explorations, in Africa,  
   i. 2, 360, viii. 722, xi. 375, xii. 378,  
   xiv. 371; East Africa, iii. 186, iv. 105,  
   570, 572, vi. 88, vii. 540, ix. 47; S. W.  
   Africa, viii. 595; Angra Pequena, vi.  
   475; West Central Africa, v. 381;  
   Cameroons, x. 648; Congo, viii. 430,  
   615, 634 †; Indian Archipelago, xi.  
   505; New Guinea, viii. 101, 269, 719,  
   x. 33, 34, 241, 591, 600, xi. 177, 607;  
   Togoland, x. 799; Xingu river, viii.  
   517  
 Frontiers—with France, map of, ix. 463,  
   xiv. 663; with Austria and Russia,  
   map of, x. 400  
 Geographical Almanac, Miessler, vi.  
   607 †  
 Geographical Congress, iii. 439, v. 43,  
   vii. 248, viii. 473, ix. 310, xi. 251, 387;  
   Proceedings of †, xii. 365, xiv. 198;  
   society, new, at Greifswald, v. 721  
 Harbours, Friederichsen, xiv. 566 †  
 Hydrographic charts, ii. 400, 719, vii. 702  
 Lands and Peoples, Investigations on,  
   edit. Lehmann and Kirchhoff, x. 668 †  
 Meteorological Yearbook, 1887, xi. 636 †  
 Missionary Society for East Africa, ix.  
   496  
 Naturalists, Congress of, viii. 797, xii. 425  
 Plankton expedition, Krummel on, xii.  
   115  
 Polar meteorological expedition, iv. 234,  
   293, 569  
 Possessions in Africa, xii. 658, 659  
 Protectorates, rules for the orthography  
   of geographical names in, xiv. 771, 776  
 Rivers, Camping Voyages on, Macdonell,  
   xii. 702 †  
 Society for commercial geography, iv. 171  
 Togoland, Henrici, x. 476 †  
 Watercourses, map of, x. 183  
 Germans, distribution of, in Europe, map  
   of, Kiepert, ix. 786  
**Germany, German Empire—**  
 Geographical education in, viii. 704, 705,  
   710, ix. 250  
 Geology of (and adjoining countries),  
   Lepsius, x. 803 †

**Germany, German Empire—continued—**

- Historico-Geographical Dictionary of, in  
 the Middle Ages, Oosterley, iii. 246 †  
 Lexicon of, Neumann, v. 498 †  
 Maps of:—general, iii. 117; Bauer and  
   Lerth, viii. 213; Fried, v. 500;  
   Perthes, xii. 440; Rand, McNally  
   and Co., xiv. 603; Vogel, xiii. 641,  
   xiv. 429; Wagner, v. 183; *Geological*  
   (wall), Hirschwald, i. 348; *Govern-*  
   *ment*, Bavarian section, xiii. 377;  
   Prussia (q. v.), ii. 656, iii. 508, 765,  
   iv. 123, 185, 519, v. 51, 183, 683, vi.  
   106, 611, 753, vii. 697, viii. 284, 412,  
   478, 605, 751, ix. 63, 265, 326, 463, 591,  
   x. 112, 321, 673, xi. 125, 321, 464, 520,  
   756, xii. 187, 308, 573, 709, xiii. 60,  
   190, 510, 744, xiv. 65, 268, 579, 812;  
   Württemberg, xi. 637; Saxony, ii. 396,  
   x. 400; *Miscellaneous* (Oro-hydrogra-  
   phical and railway), Mohl, viii. 284;  
   (post and railway, travelling), Fried-  
   rich, i. 410; Handtke, ii. 396, xii. 440;  
   Vogel, vi. 303; (railway), ix. 463;  
   Schulz, vi. 106; Walseck, ii. 144;  
   (road), xi. 637; *Wall*, Algermissen,  
   vii. 496; Bamberg, v. 56; Kiepert, ii.  
   143, vi. 244; Petermann, ii. 272, v.  
   183; Waldermann, viii. 680  
 Nautical training in, iv. 301  
 Northern, Baedeker's Handbook for  
   Travellers, viii. 533 †; Flora of, during  
   the Middle Ages, Krause, xiv. 800;  
   map of, xiv. 812, 866 †  
 Profile through, and the Alps, ix. 395  
 Rivers of, Statistics of the German Em-  
   pire, xiv. 131 †  
 South, and Austria, Murray's Handbook  
   for Travellers, viii. 212 †  
 Western, iron-ore fields of, map, ix.  
   326  
 Gerreh, mount, South Persia, v. 146, 148  
 Gerha, or El Katif, Arabia, xii. 13  
 Gerrit Denys island, ix. 7  
 Gerritz, H., Tracts on the N.E. and N.W.  
   Passages, i. 152 †  
 Gers, general atlas of, iii. 508  
 Gersappa waterfalls, vii. 722  
 Gerster, R., Carte du Canal de Corinthe,  
   iv. 578  
 Gertrude, Cape, Franz-Josef Land, v. 216  
 Gesäuse, topographical maps, xiv. 136  
 Gesbeldagh peak, height of, viii. 95  
 Gessi Pasha, Romolo, Setti Anni nel  
   Sudan, by F. Gessi, xiii. 441 †; Eng-  
   translation, xiv. 341 †  
 Gessir island, Malay archipelago, vi. 115  
 Gestola, mount, ix. 767, xii. 284, xiv. 111  
 Geulde, latitude of, x. 162  
 Geziresk Pass, Caucasus, x. 692  
 Ghainshé, Tibet, ix. 747  
 Ghand river, Turkestan, vi. 502 and note.  
 Ghardaia, Algeria, iv. 360  
 Gharshistan, Central Asia, vii. 288  
 Ghâts of India, vii. 722; *id.*, western, iv.  
   458; roads and railways in, iv. 478  
 Ghazal river. See Bahr-el-Ghazal.

- Ghazni, plan of, ii. 77; road to, i. 621; routes from, to Kurram, ii. 564; river of, i. 198
- Ghent. *See* Gand.
- Ghilan, forests of, viii. 721
- Ghilzai tribe, Afghanistan, i. 200, 642
- Ghogazai stream, Afghanistan, i. 618
- Ghor, ancient kingdom and inhabitants of, i. 194
- Ghorband, valley, Hindu Kush, i. 115, 116
- Ghunzai river, Afghanistan, i. 619
- Ghuzor Turkomans, the, v. 15, *note*
- Ghwalari pass, i. 52
- Giana Nu Chu river, vii. 75, 76, 82. *See also* i. u.
- Giants' Kop, Drakensberg, Seton-Karr's visit to, xi. 678
- Gibbins, H. de B., History of Commerce in Europe, xiii. 571†
- Gibbon, Lieutenant, explorer of the Chuparé river, v. 343
- Gibbs, E. J., England and South Africa, xii. 121†
- Gibert, Ed., on ruins of Copan, viii. 670
- Gibbiah fortress, Bahrain islands, xii. 10
- Gibraltar, monkeys of the rock of, iv. 636; popular history of, Gilbard, iv. 440†
- Gibson, Dr. J., analyses of North Sea water, xiv. 628; Great Waterfalls, Cataracts, and Geysers, ix. 523†
- Giegler, Mr., on the proposed African overland telegraph, i. 269
- Giese, Dr., meteorological expedition to Cumberland Sound, iv. 293
- Giesecke, H., murder of, in Central Africa, ix. 417
- Giglioli, Prof. E. H., Avifauna Italica, viii. 603†; Italian explorers in New Guinea, i. 732; Notizie sui Danakil, vii. 618† risultati della Inchiesta Ornitologica in Italia, xi. 508†; Il Dr. Finckh alla N. Guinea, xi. 630†
- Gila deserts, California, xiv. 180
- Gi La pass, Tibet, vii. 73
- Gilbert, G. K., on topographic maps of the geological survey, x. 734; survey of the Henry mountains, South Utah, i. 797
- Gilbert or Kingsmill islands, viii. 552, 555; note on the, vi. 665
- Gilder, W. H., explorations in the Arctic regions, ix. 246; Ice-Pack and Tundra, v. 307†; Schwatka's Search (quest of the Franklin records), iv. 248†
- Gilead, Land of, Oliphant, iii. 60†
- Gilett, M., height of Tetnuld, vii. 598
- Giles, Ernest, medal awarded to, ii. 311, 446; Journal of a Forgotten Expedition, ii. 712†; journey across Western Australia, ix. 694, 695; Australia twice traversed, xii. 249†
- Giles, Pearce, True Source of the Mississippi, ix. 262, 716†
- Giles, R. W., receives medal for Mr. Ernest Giles, ii. 449
- Gilgit, map of (and Chitral), Tanner, iii. 313; mission to, Lockhart, vii. 541;
- Gilgit—continued—  
routes near, Biddulph, iv. 548; route to, *vid* the Indus, xiv. 705; survey of, xiii. 412; *id.* Tanner, ii. 483, 697
- Gilgit Dareyl rang, xiii. 407
- Gill, David, on proposed survey of Southern Africa, ii. 185
- Gill, J., Bibliography of South Africa, viii. 603†
- Gill, Mrs., Six Months in Ascension, i. 223†
- Gill, Capt. W., medal awarded to, i. 399, 466; remarks on the road to Merv, i. 189; on the Turkoman country, iii. 545; the River of Golden Sand (China, etc.), ii. 200†, condensed by Baber, vi. 99†; on the Lintze-kiang river, v. 664; death of, Aberdare and Northbrook on, iv. 757, 760; memorial fund presented by Miss Gill, viii. 328
- Gill, W. Wyatt, Jottings from the Pacific, vii. 832†
- Gillett, Mr., explorations in Western Australia, xiv. 243
- Gillies, mount, Owen Stanley range, height of, xi. 606, xii. 217
- Gillmore, P., Through Gazaland, etc., xii. 437†
- Gilmore, Rev. James, Among the Mongols, v. 367†; his Diaries, etc., Lovett, xiv. 578†
- Gilyaks of Siberia, ii. 644
- Gina village, viii. 323, 324
- Ginda, xiv. 707
- Gipmochi, mount, Sikkim, iii. 335
- Girard, B., Souvenirs of an Expedition to Tunis, v. 678†
- Girard, Dr. C., Published Writings of, Goode, xiv. 572†
- Girard, J., Études de géographie littorale, xiv. 730†; on changes of level in the Scandinavian peninsula, vii. 542
- Giraud, Lieut., expedition in E. Africa, v. 238, 428, 690, vi. 231, 232, 234, 285, 295, 341, 377, vii. 50, 120, 193, 240, 251, 252, 332\*, 603\*; award of Paris Society's medal to, vii. 398, 547; Les Lacs de l'Afrique Équatoriale, xii. 361†
- Giraul river, West Africa, x. 448
- Girishk, Afghanistan, i. 196, 728, ii. 548
- Giriyama route, xii. 129
- Gironde, General Statistics, etc., of the Department of, Férét, i. 282†
- Gisborne, W., New Zealand, its History, etc., xi. 190†
- Gissing, Commander C. E., excursion in the neighbourhood of Mombasa, vi. 343; Journey from Mombasa to Mounts Ndara and Kasigao, vi. 551\*
- Giullukh peak, Caucasus, xii. 267, xiv. 100
- Glacial catastrophe in Savoy, xiv. 550; Epoch, Influence of, on the Earth's Surface, Drygalski, ix. 720†; Geology the Present Standing of, Haas, vii. 556†; Sand Plains, Structure and Origin of, Davis, xii. 708†; streams, sudden floods of, xii. 71, 85



- Glacier bay, Alaska, ix. 118; circle, Selkirk range, xiii. 533; movements, Hall on, xiv. 455; *id.*, observations of, Déchy on, xiv. 455; oscillations in the Alps, xiii. 683, 684
- Glaciers, Conservative Action of, Freshfield, x. 779\*; Handbook to the Science of, Helms, vii. 347†; of Mount St. Elias, Russell on, xiv. 325; of the Caucasus, Freshfield, x. 677\*; of the Himalayas, xiii. 409, 410
- Glazman, G., on depth of frozen soil at York factory, ix. 772
- Gladstone, Dr. J. H., on geographical appliances, vii. 123
- Glagolet, M., expedition in Bokhara, ix. 434
- Glaisher, Mr., journey on the Berbice river and Wieroonie creek, vii. 613
- Glamujokull glacier, Iceland, x. 307
- Glaser, Ed., journeys in Arabia, xi. 113; sketch-map of part of his journey in Yemen, viii. 134; Südarabische Streiffragen vom Forschungsreisenden, ix. 712†
- Glave, Mr., explorations in Alaska, xiii. 83
- Glazier, Capt., on the discovery of the true source of the Mississippi, vii. 23; and his Lake, Harrower, ix. 58†: Down the Great River, Discovery of the true source of the Mississippi, etc., ix. 717†; map of his voyage, ix. 211
- Glazier, lake, photograph of, xiv. 272
- Gledhill, Edward, photographs of Nicaragua, Guatemala, and Salvador, xiii. 699
- Gleerup, Lieut., journey across Central Africa, viii. 596; Tre Ar i Kongo (in part), ix. 261†
- Gleeson, Mount, New Guinea, xii. 106, 197
- Gleichen, Lieut. Count, the Armed Strength of Portugal, x. 538†
- Globe, Celestial, the Arabian, of 11th Century, Meucci, i. 814†
- Globe, climates of the, Tillo on, ix. 763; Lands of the, still available for European Settlement, Ravenstein, xiii. 27\*; permanent winds of the, Thomson, xiv. 555
- Globe hand atlas, Bartholomew, xiv. 203
- Globes, terrestrial—xi. 519; Chinese, iii. 704; Forest, xii. 187; Turnbull and Foster (astronomically mounted), ii. 592; Johnston's Handbook to, 394†
- Gloucester, Cape, New Britain, volcanoes of, v. 511
- Gloucestershire, Murray's Handbook to, viii. 212†
- Glover, Capt. Sir J. H., obituary of, iii. 437
- Glover, Col. T. G., obituary of, iii. 672
- Gnangla peak, Himalayas, viii. 183
- Goad, J. W., exploration of Oregon in 1878 by the Wheeler Survey, i. 694
- Goajira Indians, S. America, iii. 722; peninsula, Simons, vii. 781\*
- Goalpara, Brahmaputra's discharge at, vii. 320
- Gobi desert, iv. 615, vii. 107, x. 492; geological constitution of, iv. 638, 639; Potanin's journey across, ix. 442
- Gobineau, Comte de, Les Religions et les Philosophies dans l'Asie Centrale, xiii. 243†
- Gobo tribe, Central Africa, v. 483
- Gobron tribe, Somaliland, v. 717, 718
- Gochot, A., Histoire Élémentaire de la Géographie, xiv. 876†
- Godaisu tribe, New Guinea, xiv. 415
- Godar-i-Balutak valley, S. W. Persia, xii. 539
- Godavery river, viii. 689, 690; Historical Account of the District of, Morris, i. 147†
- Godeffroy Museum in Hamburg, Ethnographic and Anthropological Catalogue of the, Schmeltz and Krause, iii. 249†
- God-i-Balutak, Persia, v. 149
- Godinho de Eredia, Malaca, L'Inde Méridionale et le Cathay, transl. Janssen, iv. 181†
- Godshaab or Godthaab, Danish meteorological station at, iv. 233, 570; colony of Eskimos at, vii. 178
- Godwanan Berg, altitude of, x. 439
- Godwin-Austin, Lieut.-Col., on pictorial aids to geographical teaching, ii. 651; Address to the Geographical Section, British Association, v. 610\*; the Mountain Systems of the Himalaya, etc., vi. 83\*; on Woodthorpe's journey to the Kampti country, vii. 751; on Young-husband's journey across Central Asia, x. 515; on the R.G.S. council report, x. 465; on K 2 Peak, Central Asia, x. 380, 507, 516
- Göhring, Señor Germain, member of expedition into the Paucartambo forests, v. 320
- Goitre at Chien-ch'ang, viii. 373
- Gök-dagh district, Persia, x. 629 note
- Golbanti, East Africa, xii. 180; Masai attack on the English mission station at, viii. 525
- Gold, its occurrence and extraction, Lock, v. 50†; rich produce of, in Colombia, v. 254; richness of, in Aguna and Western Alkim, v. 37; washing for, in Tibet, Mesny on, vii. 544
- Gold Coast—
- Area and population of, vi. 620
- British possessions on the, xii. 658
- Correspondence relating to†, x. 603, xi. 460
- Divisions of the, sketch map of, Young, vii. 412
- German explorations on the, viii. 722
- Gold and other minerals of the, iv. 506
- Inland topography, v. 37
- Rainfall and temperature on the, x. 533
- Routes in, Dahse's map of, iv. 453
- Survey of Ancocha and Prince's rivers on, Cameron, iv. 501
- To the, for Gold, Burton and Cameron, v. 111†

**Gold Coast—continued—**

- Trade of, and Ashanti, vi. 450, 451  
 Tshi-speaking Peoples of, Ellis, xiv. 62 †  
 Western, map of part of, Walker and Bonson, vi. 360  
 Golden Bough, the, a Study in Comparative Religion, Frazer, xii. 708 †  
 Golden Chersonese, and the Way Thither, Bird, v. 300 †  
 Golden Throne mt., xiv. 704, 757 *et seq.*  
 Goldfields of South Africa, Guide to the, Penning, v. 498 †  
 Goldie, Mr. and Mrs., work in the Old Calabar region, vi. 180  
 Goldie, Sir George T., remarks on the Niger territories, xiii. 476  
 Goldmann, C. S., Financial, etc., History of Witwatersrand, xiv. 341 †  
 Goldsmid, Sir F., on telegraph lines in Persia, i. 269; public services of, vi. 194; visit to the Congo, vi. 177 \*; on Vambery's derivation of names of places between Merv and Herat, vii. 823; Address at the Geographical Section, British Association, viii. 656 \*; on Europeans on the Congo, viii. 738; on the relations between history and geography, ix. 142; on Vaughan's Journey in Eastern Persia, xii. 577 \*; obituary of James Fergusson, viii. 113; of Col. Sir J. U. Bateman Champain, ix. 196; of Col. Sir O. St. John, xiii. 434; remarks after papers on:—the Congo, vi. 195, vii. 370; the Herat valley, viii. 151; the Karun river, xii. 531; Persia, v. 130, 171; the scope and methods of geography, ix. 162; Yemen, ix. 489  
 Goldsmith, E. C., on Mayor Island, New Zealand, vii. 613  
 Goldsworthy peak, British Honduras, xi. 548  
 Goldtdammer, M., on condition of Obock, vii. 108  
 Goldthwaite's geographical magazine, xiii. 177  
 Goliki tribe, Tibet, ix. 226  
 Golubtzof, Madame, researches in the mountains of Tunka, x. 388  
 Gomara river, xi. 19  
 Gomba of Dowa, height of, vii. 316  
 Gornel, District of, National Songs of, Radchenko, xi. 391 †  
 Gornul pass, Afghanistan, i. 52, iii. 83; expedition to, Saudeman, xii. 169  
 Gónczy, P., wall map of Hungary, v. 308  
 Goud tribes of Buslar, i. 376  
 Gonda, E. Africa, German station at, iv. 106  
 Gondatti, N. L., Heathen Beliefs in North Western Siberia, xi. 118 †  
 Gondokoro, latitude and longitude of, xi. 643, 644  
 Gooch, F. C., Face to Face with the Mexicans, xiii. 127 †  
 Good Hope, Cape of, meteorological charts for the ocean district adjacent to the, iv. 520

- Good News*, steamer sent by London Missionary Society to Lake Tanganyika, v. 290; reconstruction of the, viii. 328  
 Goode, G. B., Published writings of Dr. Girard, xiv. 572 †  
 Goode island, New Guinea, v. 517  
 Goodenough island, D'Entrecasteaux group, xi. 539  
 Goodman, E. J., the Best Tour in Norway, xiv. 566 †  
 Goodrich, Commander, Greely relief expedition of, vi. 154  
 Goodrich, L., visit to Nyasa region, vii. 744  
 Goonan district, New Britain, iii. 91  
 Goosong Wang, Malay peninsula, iv. 404  
 Gopal river, Southern Persia, v. 157  
 Gopčević, S., Makedonien und Alt-Servien, xi. 508 †  
 Gorceix, M., map of Brazil, vii. 253  
 Gordon, C., Mapa de los Ferro-carriles de la Republica Argentina, xii. 189  
 Gordon, General, in Central Africa, 1874-79, Hill, iii. 503 †; expedition for the relief of, ascent of the Nile cataracts, vii. 123; facsimile of map of route from Suakin to Berber and Khartum, vii. 266; obituary of, vii. 184; the campaign of Gordon's steamers, Watson, xi. 751 †  
 Gordon, General T. E., journey in Persia, xiii. 484  
 Gordon, Lieut. A. R., expedition to Hudson's Bay, vii. 462; on the warmth of Hudson's Bay, x. 550  
 Gordon, Rev. D. M., Journey from Victoria to Winnipeg, viii. 800 †  
 Gordon, Rev. G. M., obituary of, ii. 705  
 Gordon, Robert, Report on the Irawadi, ii. 390, 521 †; theory of the source of the Irawadi, iv. 257, 260, 266, 318, 319, 559, vii. 292 \*, ix. 39, 359, 364; on the ruby mines near Mogok, Burma, x. 261 \*; remarks on A—K's journey in Tibet, vii. 88; on Lamington's journey through the Shan States, xiii. 721  
 Gordon-Bennett, Mount, Central Africa, xi. 270  
 Gordon Cumming, C. F., At Home in Fiji, iii. 380 †  
 Gore, J. H., Bibliography of Geodesy, xii. 365 †; Geodesy, xiv. 197 †  
 Gore, Capt. St. George, Afghanistan, the Pishin valley, i. 728; journey to Mashhad, vii. 735; with the Afghan Frontier Commission, viii. 783, ix. 574  
 Gore-Booth, Sir Henry, Arctic expedition of, iv. 606, 688; remarks on the Arctic campaign of 1879 in the Barents Sea, ii. 37; on the probable position of Mr. Leigh Smith, iv. 55  
 Gorilla, the, in West Africa, v. 175, 176  
 Gorloff, V. de, Journey in the Atlas, etc., iv. 358 \*  
 Gormaz, F. V., *Jeografia Nautica i Derrotero de las Costas del Peru*, i. 812 †. *See* Vidal Gormaz.  
 Gerner glacier, Caucasus, 600  
 Gorongozo mt., E. Africa, vii. 444

- Gorvatsch pass, Caucasus, x. 691  
 Goschen straits, new route to China through, v. 515  
 Gosport, navigation school at, iv. 307  
 Gothard railway, general map of the, Orell, Füssli and Co. i. 411  
 Gotland, island of, Baltic sea, v. 48  
 Gottar tribe of Bustar, i. 378  
 Götz, Dr. W., Di-Verkehrswege im Dienste des Welthandels, xi. 191†  
 Goudy, A., Lyon et ses Environs, map of, i. 612  
 Gouin, A., Carte du Tonkin, v. 629, vi. 487; on Annamite rivers and fêtes, vii. 550; on commercial resources of the Red river (Tonking), vii. 393, 396; journey in Tong-king, viii. 472; work on the Upper Red river and affluents, ix. 312  
 Gou-khan or Bad-Khan range, viii. 34  
 Gould, E. B., journey in Siam, x. 128; report on the trade of Siam, x. 798  
 Gould, John, obituary of, iii. 181  
 Goussin and Hatt, Annuaire des Marées des Côtes de France pour l'an 1880, i. 282†  
 Govpyseh range, Southern Persia, v. 144  
 Gowans, Captain, death of, v. 691  
 Gowhatty, Brahmaputra discharge at, vii. 320  
 Gowing, L. F., Five Thousand Miles in a Sledge, xi. 755†  
 Goyaz, Brazil, xii. 43  
 Goyum, Persia, v. 163  
 Grade, Herr, journey in Togoland, x. 309  
 Graf, Dr., Bibliographie Nationale Suisse, xiv. 566†  
 Graham, Alexander, Travels in Tunisia, x. 107†  
 Graham, W. W., ascent of Himalayan peaks, v. 604, vi. 68, 69, 593, 442, vii. 422; Travel and Ascents in the Himalaya, vi. 429\*  
 Graian Pass, Alps, v. 554  
 Gran Chaco, S. America, vi. 770; early explorations of, xi. 134; expeditions to, De Brettes, vii. 397, viii. 190; Crevaux, iv. 567; Sola, iii. 179; Thouar, viii. 58, 59, xii. 671; Page on, xi. 129\*; physical characteristics of the, viii. 336; woods and vegetation of the, xi. 142, 143  
 Gran Onorato peak, S. America, height of, vi. 660  
 Gran Sasso d'Italia, Guida al, Abbate, xi. 51†; map of, ix. 326  
 Grand Canal and Yellow river, Morrison on the, ii. 145, *et seq.*  
 Grand Falls of Labrador, height of, x. 197, 198; A. G. Guillemard on, x. 309; visit to, Bryant, xiv. 49; photographs of, *id.*, xiv. 352  
 Grand river, Labrador, x. 194-196; meteorological observations on, x. 202  
 Grande Rio. *See* Rio Grande.  
 Grandidier, A., explorations in Madagascar, i. 658, 662; Carte de la Province d'Imerina, iii. 120; Carte de Mada-
- Grandidier, A.—*continued*—  
 gascar, vi. 361, vii. 414; on the geography of Madagascar, vii. 339; on the east coast lagoons, viii. 785; his surveys, x. 649; Work on Madagascar †, xiv. 740, 746  
 Grant, Col. J. A., on King Mtesa's services to English travellers, i. 137, 138; on Keith Johnston's expedition, i. 531; on the Marutse-Mabunda empire, ii. 263; on the Khaibar pass, i. 338; on the Rovuma region, ii. 352; on Mtesa's envoys, ii. 384; knowledge of Africa in 1830 and 1881, compared, iii. 681; relief model of Eastern Equatorial Africa, iv. 88; on King Mtesa's death, v. 479, vii. 338; on Last's visit to the Musai, v. 542; on Lupton Bey's observations in the Bahr-el-Ghazal, vi. 253; March from Berber to Korosko in 1863, vi. 326\*; on Arnot's journey, xi. 79; on Stanley's letter, xi. 881  
 Grant, C. S., West African Hygiene, vi. 425†  
 Grant, Dr., on the new route to N. W. Canada, viii. 729  
 Grant, W. J. A., meteorological notes of the voyage of the *Eira*, iii. 139; on probable position of Mr. Leigh Smith, iv. 55  
 Granville, Dr. Doyle, on explorations in New Guinea, ix. 85  
 Granye, Mohamed, invasion of Abyssinia, vii. 96  
 Grasset, M., bequest to Paris Geographical Society, viii. 532  
 Graubünden, map of the Canton of, Ziegler, iv. 706  
 Gravenreuth, Lieut. Baron von, journey up the Pangani, ix. 56  
 Graves, Col., expedition to Cape Guardafui, ii. 780  
 Gravier, G., Étude sur une Carte inconnue, (Joliet, 1674), ii. 271†; Les Normands sur la Route des Indes, ii. 713†; Editor of Paul Soleillet's 'Voyage à Segou, 1878-79,' ix. 714†  
 Gray, Albert, the Voyage of F. Pyard of Laval, ix. 590†  
 Gray Bay, Franz-Josef Land, v. 205  
 Gray, Capt. D., on the advance of the Polar ice in the Greenland and Spitzbergen Sea, iii. 740; whaling expedition to Antarctic Seas, xiv. 244, 473  
 Gray, Dr. Asa, on Sir J. D. Hooker's botanical work, v. 419; on the prairie fires of North America, xiv. 96  
 Gray, Mrs., Fourteen Months in Canton, ii. 139†  
 Gray, Paul and Co., Messrs., at Bushire, v. 123, 125, 127  
 Gray, R., Tongariro, the Sacred Mountain of the Maori, xiv. 875†  
 Gray, The Ven. J. H., Journey Round the World in 1875-77, i. 346†  
 Grease river, Athabasca, v. 645  
 Great Bear Lake, North America, v. 646  
 Great Black Lake, Athabasca, v. 645

**Great Britain—**

Handbook for travellers in, Baedeker, ix. 709, xii. 637

Nautical training in, iv. 302

Railway map of, Macaulay, i. 154

Rivers of, xiv. 878 †

Surveys on the coasts of, xii. 387, 388, xiii. 396

Treaties with Foreign Powers, Hartstet's Collection of, viii. 281 †

**Great Britain and Ireland—**

Geography, Industrial, of, Bevan, ii. 143 †

Map of, Wichmann, ii. 784, v. 435

Parliamentary map of, Wyld, ii. 396

Political power, map showing distribution of, vi. 753

**Great Fish river and Great Namaqualand,**  
vi. 24

Great Geysir of Iceland, iv. 131

Great Prairie, fertility of the, v. 644

Great Rapid, Athabasca river, v. 635, 637

Great Slave Lake, v. 634, *et seq.*, 728; English meteorological station at, iv. 570, v. 378

Great Wall of China, Von Möllendorff's observations on the, iv. 99

Greater Britain, Problems of, Dilke, xii. 362 †

Grecian exhibits at the Venice Geographical Congress, iii. 751

**Groce—**

Ancient, map of, for schools, v. 752

An Easter Vacation in, Sandys, ix. 315 †

Boundary of, map showing, Kiepert, ii. 523; the new, with Turkey, *id.*, iv. 705

Geography, Scientific, of, History of, Berger, xiv. 505 †; physical, Neumann and Pertsch, vii. 257 †

Greater, History of, Lenormant, iv. 115 †

Handbooks for travellers in, Baedeker, v. 366, xi. 114; Murray, vi. 746

Maps of, viii. 63; Bizet, ix. 123; Kiepert, iii. 443, 697; Von Reitzner, ii. 592, ii. 251; Stanford, ii. 656

Rambles and Studies in, by J. P. Ma-haffy, ix. 258

Three years in, by H. Belle, iv. 114

Tour in, Farrer, iv. 771 †

Travels in, Cabrol, xii. 432 †

Works on, Hoskier, i. 744 †; Lenormant, vi. 354 †; Schweiger-Lerchenfeld, v. 48 †; Tuma, x. 175 †

Greiff, Dr. R., Ilha de São Thome, map of, vi. 361

Greek and Roman Geography, history of, Bunbury, ii. 78 †

Greek and Roman World, Population of, Beloch, ix. 462 †

Greek classics, library of, Firmin-Didot, geography in, v. 173

Greely, Major A. W., Polar expedition to establish a station at Lady Franklin Bay, iii. 586, 735, iv. 171, v. 226, 378, 602, 733, viii. 56; measures for the relief of, vi. 90, 154, 221, 366, 465, 537; account of his discoveries, vi. 679, viii. 156 \*;

Greely, Major A. W.—*continued*—

the Rescue of, Schley and Soley, vii. 489 †; Three Years of Arctic Service, viii. 278 †; presentation of medal to, viii. 465; letter of thanks, viii. 531; report on his expedition, xi. 317 †; on the rainfall west of the Mississippi, x. 308; Geography of the Air, xiii. 638 †

Green, J. R., and Alice Stopford, Short Geography of the British Isles, ix. 136 †

Green, Rev. W. S., Exploration in the Southern Alps of New Zealand, iv. 373, vi. 57 \*; the High Alps of New Zealand, vi. 104 †; Explorations of the Selkirk range, xi. 153, 413 \*; among the Selkirk glaciers, etc., xii. 302

Green, S. R., on the study of geography, viii. 700, 702

Green, W. L., on Dana's Characteristics of Volcanoes, xii. 708 †; on the eruption of Mauna-Lea volcano, iv. 61

Greene, F. V., the Russian Army and its Campaigns in Turkey in 1877–78, ii. 458 †

**Greenland—**

Coasts of, ice on, vii. 542; geological structure of, xiv. 647

Communications on. See Meddelelser.

Currents, Polar, *qf.*, vi. 570, 571, xi. 472, xii. 178

Discovery of, v. 363

East coast of, Danish discoveries on, i. 668; Expeditions to, Holm, vi. 344, 538, vii. 818, xi. 318 †; Nordenskiöld, v. 165, vi. 49; Ryder, x. 238, xii. 292, 468, xiii. 297, 688, xiv. 711, 809 †; map of, Kjellström, vi. 304

Expeditions to [see also east and west coasts], i. 365; Danish, i. 331, 520, 668, v. 234, vi. 344, 538, vii. 245, 385, viii. 398, xi. 435, xiii. 112; *Fylla*, viii. 724; Komerup, ii. 191; Mourier, ii. 268; Nansen, x. 240, 417, 591, 791, xi. 412, 435, 469 \*, scientific results, xiii. 43 †; Nordenskiöld, v. 165, 231, 363, 485, 602, 733, vi. 49; Peary, xiv. 697

First Crossing of, Nansen, xiii. 55 †

Geology and Geography of, Papers on, x. 52 †

Glaciers and inland ice of, xi. 41; Drygalsky on, xiv. 875 †

Hydrographical Observations of Nordenskiöld's Expedition to, Hamberg, vi. 569 \*

Inland Ice of, Jensen on, xi. 319 †; map of Nordenskiöld's expedition to, vi. 614

Interior of, and recent expeditions to, Rink, i. 735

King Christian IX. land, sketch-map of, Holm, viii. 213

Maps of, carved on wood, found on coast, viii. 273, 339; old, from a manuscript, Ptolemy, v. 295, 296;

Pre-Columbian, v. 750

- Greenland—continued—**  
 Meddelelser om Grønland †, ii. 72, iii. 505, xii. 641  
 Northern, discoveries in, Greeley, vi. 679  
 Oases in interior of, probability of, v. 165, 166  
 Observations in, by the Danish Expedition, ix. 322 †  
 Population of, Blangsted on, ix. 312  
 Second Swedish Expedition to, Nordenskiöld, transl. Rabot, x. 542 †  
 Snow-fields of the interior of, xi. 480, 481  
 South, Danish exploration in, 1888, xi. 435  
 Two Summers in, Carstensen, xii. 438 †  
 West coast of, ii. 272, v. 309; expeditions to, Danish, viii. 378; *id.*, Hammer, iii. 50, iv. 235; Drygalski, xiii. 112, 732, xiv. 374, 414; Rabot, xi. 41; temperature of sea off, vi. 574  
 Whymper on, vi. 155  
 Work on, Nordenfjöld, viii. 673 †  
 Greenland and Spitzbergen seas, ice in, Gray on, iii. 740  
 Greenwich hospital, nautical school of, iv. 298, 306  
 Greenwich island, Caroline group, viii. 558  
 Greenwood, Th., Tour in the States and Canada, vi. 103 †  
 Gregory, Frank T., obituary of, xi. 46  
 Greifswald, New German Geographical Society at, iv. 244, v. 721  
 Greig, Mr., on the destruction of forests in the North-west Provinces of India, i. 516  
 Greim, Dr. G., Die Gletschermessungen in den Alpen, xiv. 722 †  
 Grenfell, Rev. G., the Cameroons District, iv. 585 †; station at Manyanga founded by, iv. 45; Explorations on the Congo, etc., vi. 742, vii. 353 †, 380, 455, 538, 611, viii. 47, 430, 524, 614; of the Mobangi, vii. 538; of the tributaries of the Congo, etc., viii. 627, ix. 239, 298, 338 †; medal awarded to, ix. 311, 452, 454; news from, ix. 681; map of the Congo, xi. 175  
 Grenville channel, British Columbia, xiii. 70  
 Greswell, Rev. R., obituary notice of, iii. 567  
 Greswell, Rev. W. P., Geography of Africa, South of the Zambesi, xiv. 426 †; of the Dominion of Canada and Newfoundland, xiii. 305 †; History of the Dominion of Canada, xii. 771 †; Our South African Empire, vii. 535 †  
 Gribble, J. C., Preliminary Survey and Estimates, xiii. 242 †  
 Grierson, G. A., the Modern Vernacular Literature of Hindustani, xii. 244 †  
 Gries and Klagenfurt, valleys of, barometric curves in the, xiii. 142  
 Griesbach, Dr., Geology of the Central Himalayas, xiv. 196 †  
 Griffin, G. W., New South Wales, her Commerce and Resources, xi. 60 †  
 Griffin, Sir L. H., on the Upper Oxus, vi. 509  
 Griffith, Dr., ascent of the Koh-i-Baba, i. 192; ascent of the Lohit river, ix. 355; journey into the Hukong valley, xiv. 405; remarks on the Irawadi, vii. 302  
 Griffith, G., on the scientific aspects of geographical education, viii. 202  
 Griffith, J. R., on Sierra Leone, xiv. 453  
 Griffith, Mr. See Southon.  
 Griffith, Mount, New Guinea, xi. 606, xii. 210  
 Griffith, Sir R. J., obituary of, i. 368  
 Griggs, W., the second Borgian map by Diego Ribero, reproduced by, ix. 62  
 Grigorief, M., photograph of a Finnish Sacred Tree, xiv. 583  
 Grijmailo. See Grum-Grijmailo.  
 Grimes, J., Geonomy, vii. 490 †  
 Grimms, Dr., on African Civilization, viii. 798 †  
 Grinewezki, L., Reise quer durch Nowaja-Semlja (map of), vi. 428  
 Grinnell land, configuration of, Boas on, vii. 245; exploration in, Greeley, viii. 156 †; ice-cap of, vi. 680; luxuriance in summer, viii. 160, 161  
 Griqualand, area and population of, iii. 3; map of, Henkel, iii. 444  
 Griqualand West, journey between the Molapo river and, Harrel, ii. 694; Road Reports of, xi. 313 †  
 Grisebach, A., Gesammelte Abhandlungen, etc., zur Pflanzengeographie, ii. 783 †  
 Grissinger, Dr. K., Study of the Weissen-See †, xiv. 722, 798  
 Grodeck, E., editor of third vol. of Nachtigal's work, xi. 571 †  
 Grodekof, Col., journey in Central Asia, i. 356; survey from the Oxus to Herat, i. 387, 591; Kirghizes and Karakirghizes of the Syr-daria, xii. 185 †  
 Gromobchevsky, Col., explorations in Chinese Turkistan, ix. 508; in Central Asia, xi. 49, 103, 171, 563, 609, xii. 357, 379, 422, 466, xiii. 36, 174, 286, 384; remarks on the Pamir, xiv. 34; on the source of the Yarkand river, xiv. 780  
 Groome, F. H., Ordnance Gazetteer of Scotland, vii. 616 †  
 Groot, C. De, Herinneringen aan Blitong, Historisch, etc., x. 176 †  
 Groot, M. J. de, on the causes of Chinese emigration, xiii. 557  
 Grosier, Abbé, General Description of China, xiii. 308 †  
 Grout, Ed., on French commerce in Tongking, vii. 192  
 Grout, Rev. L., on the phonology and orthography of the Zulu language, i. 203  
 Grove, Mrs., on the railway from Antofagasta to Uyuni and Oruro, xiv. 708

Growse, F. S. Supplement to the Fatchpur Gazetteer, x. 48 †

Grum-Grijmailo, M., explorations in the Pamir, ix. 54, 430, 431, xi. 171; in Central Asia, xi. 309, 505, 563, xii. 616, 668, xiii. 208 \*, 384

Grundemann, R., Die Englische Kolonie Natal und das Zululand, i. 203 †

Gruneh tribe, Morocco, xi. 491

Grye, M. Bouquet de la, journey in Mexico, v. 359; on the proposed universal hour, vi. 49

Gsell-Fels, Dr. Th., Italien in sechzig Tagen, iv. 573 †

Guadalajara, Description of, Barcelona, iii. 397 †

Guadalcanar island, Solomon islands, x. 353, 362

Guadeloupe, Physical, etc., notes on, Bouinai, ii. 523 †

Guaharibos river and natives, South America, x. 96, 97

Gualidi. See Geledi.

Guallabamba, ravine of, iii. 465

Guanahani or San Salvador island of Columbus, xiv. 593

Guandá settlement, Rio Doce, x. 63, 64

Guano, E. Africa, xiv. 517

Guarayos tribe, S. America, xi. 499

Guardafui, Cape, Graves' expedition to, ii. 780; Meteorology of sea off, Strachey, x. 704 \*

Guatapuri, Rio, Magdalena State, iii. 709

**Guatemala—**

Census of, First general, 1880, iv. 773 †

City of, Directory of, ix. 460 †

Ethnography of, Stoll, vii. 56 †

Exhibits at Paris Exhibition, 1889, Catalogue of, Guzman, i. 633 †

Explorations in, Fowler, ii. 129; Maudslay, v. 185 \*

Forests of, Rock, x. 604 †

Map of, Bianconi and Medina, xii. 573

Photographs of, Gledhill, xii. 371

Plateau, the, v. 670

Population of, vii. 464, viii. 398, x. 384

Statistical, etc., reports on †, x. 397, xi. 514, xiv. 66

Work on, Brigham, ix. 780 †

Guay river, Matabeleland, x. 295

Guayaquil, Ecuador, plan of, Wolf, ix. 464; position of, ii. 585, xiv. 126; rainfall of, iv. 625; valley of, v. 353

Guaymas, port of, California, v. 668

"Guban" country, Somaliland, vii. 626

Gubbins, J. A., report on the principality of Loochoo, iii. 590

Gubuluwayo, Matabeleland, viii. 67, x. 296; position and height of, ii. 367, iii. 178

Gu-chen, Central Asia, xii. 81

Gudder's Bight river, Labrador, x. 193

Gudelissin. See Derbe.

Guédénof, M., journey in the Trans-Caspian country, vii. 400

Guédroitich, Prince, explorations of the Amu-Daria, ii. 779

Guérin, V., Description Géographique, Historique, et Archéologique de la Palestine †, ii. 139, 459; carte de la Palestine, iii. 640; explorations in Rhodes, ii. 516; in Tunis, iii. 500; in Palestine, iv. 438

Gueritz, E. P., North Borneo, vi. 667

Guerne, M. de, on the lake of San Miguel, x. 597

Guerrico, Mount, Patagonia, height and position of, ix. 384

Guevara, Father, History of Paraguay, the Rio de la Plata and Tucuman, viii. 912 †

**Guiana—**

Among the Indians of, Im Thurn, v. 645 †

Boundaries of, xiv. 669; Correspondence on, ix. 717 †

British, interior of, Journeys in, Im Thurn, ii. 465 \*, Whiteley, iv. 612; trade, population, and rainfall of, xi. 106 See also British Guiana.

Coast of, map of, ix. 727

Exploration in, vii. 464; Crevaux, i. 131, 522, ii. 135, 186, 195; Ten Kate, viii. 191, ix. 55

French, boundaries of, xiii. 565; Coudreau's explorations in, x. 473, xi. 439, xiii. 40, 300, 563; plan showing principal gold-mines of, x. 323

General geography of, Im Thurn on, xiv. 666

Journeys in, and the Amazons, Coudreau, ix. 716 †

Map of, xi. 402

Rock pictures near the rivers of, ii. 472, 487

Six Years in, Coudreau, xiv. 661 †

Guiard, E., on the Flatters Mission, vi. 295

Guicha La Pass, xiv. 614

Guido, Mount, Patagonia, height and position of, ix. 384

Guillaume, H., the Amazon Provinces of Peru as a Field for European Emigration, x. 178 †; on explorations in Peru and Bolivia, xi. 694

Guillemard, A. G., on the height of the Grand Falls of Labrador, etc., x. 309

Guillemard, Dr. H., the Cruise of the *Marchesa*, ix. 264 †; appointed geographical lecturer at Cambridge, x. 447; Life of Magellan, xii. 771 †

Guillemin, M. Eugène, relief-map of France, v. 175

Guimet, Emile, Promenades Japonaises, iii. 59 †

**Guinea—**

Annexations in, v. 484

English and French possessions in, map of, Hausermann, vi. 548

Franco-Portuguese boundary in, map of, Desbuissons, ix. 211

Journeys in—Baudin, ix. 190; Joest, xiii. 565; Monnier, xiv. 503 †

Lagoons of the coast of, xii. 597, 598, xiii. 579, 580



## Guinea—continued—

- Portuguese—area of, vi. 618; maps of, xi. 522, xiii. 696
- Upper, explorations in, Krause, viii. 722, ix. 760; disaster to French expedition in, xiii. 556; map of, Friederichsen, vii. 200, 352
- Guinea, Gulf of, currents of the, viii. 757; temperature, etc., of waters of, Buchanan, xiv. 625
- Guinness, Mr., on explorations on the Congo, vii. 371
- Guiral, L., Le Congo Français, xi. 513 †; on San Benito river, vii. 817; report on the west coast of Africa, vii. 550
- Gulbenkian, Calouste S., La Péninsule d'Aphéron et le Pétrôle Russe, xiii. 372 †; La Trans-Caucasie et la Péninsule d'Aphéron, xiv. 59 †
- Gulcha, Alai mountains, xiv. 7
- Gulf Stream, temperature of, off Greenland, vi. 574; *id.*, in 1884, vi. 665; Prince of Monaco on, ix. 322 †; Thoulet's observations on the, ix. 762
- Gulgula ruins, Central Asia, iii. 738
- Gul-Koh mountains, i. 193
- Gullfoss, Iceland, iv. 133
- Gull island rapid, Labrador, x. 195
- Gulran or Gurlin, Afghanistan, vii. 278, 562
- Gumaran Choch peak, Caucasus, xiii. 724
- Gumaba village, French Sudan, x. 380
- Gümbel, Prof., xii. 612
- Gumprecht, C., Der Mittlere Isonzo und sein Verhältniss zum Natisone, ix. 711 †
- Gundelia *Tournefortia*, xii. 456
- Gungunhana's Kraal, Gazaland, xiii. 589, 590
- Gunn, Lieut., Indian Coast Surveys under, xiii. 611
- Gunnlaugsson's map of Askja Volcano, iii. 472
- Günther, Dr. St., Die erste Anwendung der gnomonischen Kartenprojektion, xiv. 730 †; Handbuch der Mathematischen Geographie, xii. 708 †; Johannes Kepler und der Tellurisch-Kosmische Magnetismus, x. 743 †; Lehrbuch der physikalischen Geographie, xiv. 198 †; Studien zur Geschichte der Mathematischen und physikalischen Geographie, i. 409 †
- Gunter Sound, Franz Josef Land, v. 217
- Guppy, H. B., the Solomon Islands and their natives, ix. 782 †; on their exploration, x. 376; the south coast of West Java, xi. 696; on the Thames as an agent in plant dispersal, xiv. 798, 876
- Gurdzi-yeak pass, vii. 598 note; height of, vii. 602
- Gurgán, Trans-Caspia, i. 168
- Gurgler glacier. See Vernagt.
- Gürich, Dr. G., Geologische Skizze von Afrika, iv. 656
- Gurla Mandhata peak, Himalayas, i. 445
- Gurney, J. H., obituary of, xii. 392
- Gurunga tribe, W. Africa, xii. 168
- Gusherbrum peak, xiv. 212
- Güssfeldt, Dr. P., Die Loango Expedition, etc. †, i. 149, 478, iv. 324; Work in the Andes, vi. 658 †; Reise in den Andes von Chile und Argentinien, x. 108 †
- Gutcheisir stream, Persia, v. 50
- Guthe, H., Lehrbuch der Geographie, ii. 271 †
- Gutenbrunner, Lieut., new method of constructing relief maps, vii. 465
- Guy, Prof. C., L'Île d'Yeu, xiv. 865 †
- Guyard, M., Completion of Aboulféda's Geography, v. 676 †
- Guyot glacier, great, Alaska, ix. 270; xi. 431, 432, xiv. 326
- Guyot, M., on the hydrography of the Zambesi, iii. 760
- Guyot, Péré, African journeys and death of, v. 106, 605, 733
- Guyot, Prof. A. H., Géographie Physique Comparée, etc., xi. 192 †; Meteorological and Physical Tables, ix. 521 †; Notice sur Faure, viii. 281 †; obituary of, vi. 380
- Guzar village, Central Asia, viii. 32 note
- Guzman, D. J., Topografía física de la República del Salvador, vi. 103 †
- Guzman, R. D., Historia de las Provincias del Rio de la Plata, viii. 211 †
- Gvalda glacier, Caucasus, x. 590, xi. 354; flowers of the, x. 695
- Gwaii river, S. Africa, vi. 30, 34
- Gwaja pass, ii. 228
- Gwal river, ii. 536
- Gwalior and Central India survey, iv. 341
- Gwamba language in S. E. Africa, v. 285
- Gwangwara tribe, E. Africa, v. 397, 398, 691, vi. 517, 520, 534
- Gwengweré rapids, Aruwimi river, xi. 264
- Gya-la Sindong, Tibet, i. 594
- Gylden, Prof., on the glow of sunsets caused by cosmic cloud, vi. 168
- Gyukaun, valley of, Asia Minor, xiv. 58

## H

- Haafner, J., On Foot through the Island of Ceylon, xiii. 309 †
- Haardt, V. von, atlases by—für Volksschulen, i. 615; für die höheren Classen, etc., vii. 272; physical-statistical, for schools, vii. 272. Maps by—Alps (wall), iv. 518; Asia (ethnographical), viii. 268, ix. 266; America and Europe, (school wall), v. 752; Australia and Polynesia, *id.*, vii. 496
- Haarlem lake, Historical account of the former, Ramaer, xiv. 658 †
- Haas, Dr. H., Ueber den heutigen Stand der Glacialgeologie, vii. 556 †; (and Schneider), Von Algier nach Oran, etc., i. 151 †
- Haast, Sir J. von, Geology of Canterbury and Westland, New Zealand, ii. 72 †; journeys in New Zealand, v. 57, *et seq.*; medal awarded to (1884), vi. 340, 415; on the action of glaciers, x. 782; obituary of, ix. 687

- Habenicht, A., physical schoolroom map of Asia, xiii. 445
- Habenicht, H., maps by:—Africa, xiii. 745; *id.*, wall, xiv. 66; the Upper Amazon, i. 351; Ueber das Woher und Wohin des gegenwärtigen geophysischen Zustandes, x. 480†
- Habr-Gerhaji tribe, Somaliland, vii. 627
- Hacha, Rio, S. America, iii. 714
- Hachette et cie, Atlas de Géographie Moderne, xi. 467, 580, 640, 704, 759; xii. 56, 190, 255, 311, 371, 442, 508, 576, 647, 711; *id.*, universal, see St. Martin; map of Europe, i. 159
- Hadava river, New Guinea, vii. 597
- Haddington and Berwick, Bartholomew's map of, vi. 545
- Hadendoa tribe, N. Africa, Mosionas on, v. 299
- Hadia, Tambaro and Wellamo, countries of, xii. 174
- Hadid, Jebel, or Iron mountain, xi. 4
- Hadjan-Kileh, i. 177
- Hadley, Alderman, on Cowan's excursions in Madagascar, iv. 536
- Hadramaut, ix. 489; and the Arab Colonies in the Indian Archipelago, Van den Berg, ix. 518†
- Haeckel, Ernst, Indische Reisebriefe, v. 49†; Visit to Ceylon, transl. Bell, v. 309†
- Hæmus Peninsula, on the knowledge of the, Tomaschek, ix. 712†
- Haffar canal, Karun river, xii. 575
- Hafiz-Kháná ruins, xiii. 285
- Haft Kotul pass, i. 42
- Haft Lang tribe, Persia, xii. 544
- Haga, A. Nederlandsch Nieuw Guinea, xiv. 575†
- Hagen, Dr. B., Wissenschaftliche Reise an den Loba-See (Central Sumatra), ix. 713†
- Hager, C., Die Marshall-Inseln, ix. 322†; Kaiser Wilhelms-Land und der Bismarck-Archipel, ix. 208†
- Hagué, Dr. Arnold, survey of the Yellowstone Park, x. 712
- Hahé district, South-West Africa, v. 463
- Hahn, C., Aus dem Kaukasus, xiv. 569†; Die Vorstellung der Swaneten, xiv. 869†
- Hahn, Dr. E., on a new economical division of the earth's surface, xiv. 182; Die Kulturformen der Erde (map), xiv. 136
- Hahn, F. G., Insel-Studien, v. 567†; über das Aufsteigen und Sinken der Küsten, i. 409†
- Hahr, A., General Karta over Sverige, Norge och Danmark, iii. 250
- Haida tribe, British Columbia, xi. 457
- Haidin-kua or Karnashahar river, xii. 83
- Hai-dzoung town, viii. 224
- Haifa, or Life in Modern Palestine, Oliphant, ix. 316†
- Haig, Col. C. T., Heights in Madras, Bumbay, and the Nizam's Dominions, ix. 459†
- Haig, Major-General F. T., Journey through Yemen, ix. 479\*; to the Red Sea Ports, etc., Report of, ix. 649†
- Hainan, island of, Henry's explorations in, ix. 378; Napier's positions of places in, i. 456; survey of, iv. 553
- Hainaut, Geographical, etc., Dictionary of, Bernier, R. 199†
- Haines, General Sir F. P., on the Herat valley, etc., viii. 155
- Haines river. See Webbe Shebeyli.
- Haiphong town, viii. 224; Journey from, to Canton, Agassiz, xiii. 249\*
- Haitan straits, Formosa, vii. 2
- Hatti, new Geographical Society in, viii. 653; map of, Eggers, x. 186; *id.*, Vuillemin, iii. 512; Voyage to, La Selva, iii. 505.† See Hytti.
- Hajikhah pass, Koh-i-Baba, i. 192
- Haji Mirza Seyyid Hassan, map of Southern Persia, i. 332
- Haji Yedie, habitation of, xiv. 174
- Hajji Jabar Khan, Governor of Moham-mora, Persia, v. 132
- Hake, A., Events in the Taeping Rebellion, xiv. 425†
- Hakko Lagoon, W. Africa, vii. 379
- Hakluyt, R., on the instruction of sailors and explorers, iv. 297
- Hakluyt Society, map of the world A.D. 1600, ii. 395
- Hala mountains, i. 39, 58, 60
- Hale, H., U. S. Exploring Expedition, (Wilkes), Ethnography and Philology, viii. 283†
- Hale, Rev. E., on geographical appliances, viii. 123; on geographical education, viii. 203
- Halenbeck, L., sketch map of the coasts of the North Sea, v. 683
- Halfa, Nile route from, to Debba, vi. 579
- Halt tribe, W. Africa, ii. 629
- Haliburton, R. G., Lost Colonies of Northmen and Portuguese in America, vii. 25\*; connection of the trade winds and the Gulf Stream with some West Indian problems, vii. 732
- Hall, Admiral Sir W. H., obituary of, i. 214
- Hall, C. E., exploration of the Mai Kassa river, New Guinea, x. 708
- Hall, Capt. C. F., Narrative of the Second Arctic Expedition made by, edit. Nourse, ii. 142†
- Hall, Capt. M., on glacier movements, xiv. 455
- Hall, J. C., on internal communication in Japan, i. 210; Visit to Corea, in 1882, v. 274\*
- Hall, Maxwell, on the height of Blue Mountain peak, Jamaica, ix. 579
- Hall, Rev. A. J., Grammar of the Kwa-giuti Language, xi. 463†
- Halle, Geographical Society of, proceedings of, 1880, i. 281, iii. 57; influx of population to, and other cities, map showing, ii. 327

- Hallen, Dr., on opening relations with the Hausa race, xiv. 715
- Hallett, Holt S., on the sources of the Irawadi, iv. 317, 418; on the advance of the Southern Chinese, v. 672; Expedition and Railway Survey in the Shan Country, vi. 91, 220, 466, viii. 1\*; on the proposed railway between Burma and China, x. 120, 131; Report on, x. 48†; remarks on Burma, viii. 499; the expedition from Assam to the Irawadi, ix. 41; on Siam, x. 132; on Lamington's journey through the Shan States, xiii. 719; a Thousand Miles on an Elephant in the Shan States, xii. 120†
- Halligen islands, North Sea, Traeger, xiv. 568†
- Haloxylon Ammodendron*, ix. 216
- Haly, Lieut.-Col. R. H. O'Grady, the Nile above the Second Cataract, xi. 315†
- Hamadan, Persia, xii. 525
- Hamburg, A., Hydrographical Observations of the Nordenskiöld Expedition to Greenland, 1883, vi. 569\*
- Hamburg-Altona, plan of, v. 435
- Hamburg, Columbus celebrations at, xiv. 554; Geographical Society of, meeting of, i. 788; Godeffroy Museum in, Ethnographic and Anthropological Catalogue of, Schmeltz and Krause, iii. 249†
- Hamey, W. Africa, xiv. 521
- Ham-heung, Korea, xiii. 305, xiv. 148
- Hami, Turkistan, ix. 748, x. 497, 517, xii. 76-79, xiii. 211, 214, 223; British traveller at, iii. 590; oasis and people of, ix. 217 note
- Hamilton, Admiral Sir V., on the Arctic Expeditions of 1878, i. 35; on those of 1879 in the Barents Sea, ii. 39
- Hamilton, Ch., Life and Sport in South Eastern Africa, i. 203
- Hamilton, L. Le Cenci, Mexican Handbook, vii. 56†
- Hamilton, Port, note on, vii. 340
- Hamilton's latitudes in Lycia-Pamphylia, x. 162, 163
- Hamite race, xiv. 706
- Hammamet, Gulf of, viii. 599
- Hammer, E., Zur Projektion der Erdkarte in 1:1,000,000, xiv. 876†
- Hammer, Lieut., Expedition in Greenland, i. 331, iii. 50, iv. 235
- Hamond, Walter, early works on Madagascar, i. 651
- Hampton, Mount, Mashonaland, xii. 649; road to, xiii. 12; position of, xiii. 18 note
- Hampton Plains, W. Australia, xiv. 243
- Hampton, Sir J., death of, ii. 408
- Hamy, Dr. E. T., on the geographical results of Cook's voyages, i. 220; on the school of interpreters at Saigon, viii. 339; on West African tribes, viii. 651; La Mappemonde d'Angelino Dulcert, de Majorque, x. 235†; Les Origines de la Cartographie de l'Europe Septentrionale, xi. 576†
- Hamy, M., excursion to Gabes, x. 102
- Han-chung-fu, xii. 64
- Hancock, William, on North Formosa, v. 674; on the volcanic and earthquake regions of Central America, v. 660
- Handel, hill of, E. Africa, i. 552
- Hand-maps for use at the evening meetings, viii. 55
- Handtke, F., maps by—Africa, viii. 607, xii. 507; Southern Bosnia and Dalmatia, iv. 327; Germany (post and travelling), ii. 396; Tirol and Salzburg, xii. 506
- Han-gang river, Korea, v. 279
- Hang-Chau bay, the Bore of the Tsien-Tang Kiang in, Moore, xi. 700†
- Hang-chow town, viii. 374
- Hang river, Shan States, xiii. 705
- Han-kow, China, ii. 153, v. 454, xi. 62
- Hann, Dr. J., Die Vertheilung des Luftdruckes über Mittel- und Süd-Europa, x. 254†; Handbook of Climatology, v. 626†; on Emin Pasha's meteorological work, xii. 473; on the distribution of heat and rainfall in Japan, x. 709; Temperatur- und Regenkarte von Japan, x. 746; Ueber die Luftfeuchtigkeit als Klimatischer Factor, xi. 463†; Zur Meteorologie des Sonnbliggipfels, xi. 696†
- Hannay, Capt., on the Irawadi river, vii. 302
- Hannibal, the Alpine pass of, Freshfield, viii. 638
- Hannington, Bishop, on Thomson's journey in Masailand, vi. 710; journey to Eastern shores of Victoria Nyanza, vii. 539, 671, viii. 432; assassination of, viii. 190
- Hanno, De Periplous van, Kan, xiii. 694†
- Hanoi, town of, viii. 222, 223; maps of, and environs, vii. 350, xiii. 445; road from Langson to, viii. 240
- Hanover, city of, map of environs, Arnoldi, iv. 578; province of, general map of, x. 321
- Hansa towns, Zimmern ("Story of the Nations" Series), xi. 748†
- Hansen, Dr. R., Die Sprachgrenzen in Schleswig, xiv. 658†
- Hansen, J., Carte de l'Ogôoué et du Congo, vi. 548
- Hansen-Blangsted, M., on French measurements, vi. 296; on the position of North Cape, vi. 351; on the origin and formation of the fjords of Norway, vii. 255; on Christiansøe in the Baltic, viii. 126; on the population of Copenhagen, viii. 670
- Hanssen, Captain, death of, v. 605
- Han-sur-Lesse. Visit to the Caves of, v. 497†
- Hanusz, E., La Lutte de l'Existence des Plantes dans les Puszias Hongroises, ix. 711†
- Hanyane river, journey along, etc., Selous, v. 168, 268; position of, xii. 149
- Han-Yang or Sôul, capital of Korea, v. 274

- Haračić, Prof, Die Inseln Lussin, xiv. 722 †
- Harar, E. Africa, v. 365, vi. 257, 262, vii. 118, 642, 643; area and population of, vii. 104; Expedition to, Paulitschke, xi. 394 †; map of Heath's and Peyton's route from, to Berbera, viii. 285; report on, Hunter, vii. 121
- Harbour Dictionary, Lundgren, v. 50 †
- Harcourt, E. Vernon, obituary notice of, v. 663
- Hardegger, Dr. Von, expedition with Paulitschke into Somaliland, vii. 458, 643
- Hare, A. J. C., Cities of Southern Italy and Sicily, v. 367 †; Days near Rome, xi. 125 †; North Eastern France, etc., xiii. 52 †
- Hareskin river and Indians, Athabasca, v. 646, 650
- Hargazo falls, Tana river, xiv. 523
- Harhaz river, Persia, v. 63
- Hari-Rud or Tejend river, iii. 533, v. 3, *et seq.*; source of, ix. 575; valley of, vii. 276, 277
- Harman, Capt., explorations in the north of Assam, i. 126; on the discharge of the Sappo, etc., iv. 258, x. 582; mapping of parts of Sikkim, v. 384; death of, v. 487; his services to geography, *ib.*; his surveys in the Himalayas, vi. 446, xiii. 414, 415; native surveyors trained by, vii. 313
- Harman Musa, Djebel, petrified coral reefs at, x. 394
- Harmand, Dr. J., Itinéraires entre Bassac, la Khon et Hué, map, i. 412; on the ethnology of Indo-China, ii. 586; journeys in Siam, iv. 385, 766; on the present knowledge of Siam, iv. 566
- Harnai valley, ii. 534, 535
- Harnish, Dr. A., Afghanistan in Seiner Bedeutung für den Völkerverkehr, xiv. 131 †
- Harper's Handbook for Travellers in Europe and the East, iii. 573 †
- Harradiggit, Somaliland, vii. 638
- Harragin, George A., Chart showing currents near Trinidad island, v. 440
- Harar. See Harar.
- Harrel, Capt., journey beyond Griqualand West, ii. 694
- Harris, Capt. W. C., Narrative of an Exploration into South Africa, i. 203 †
- Harris, G. W., "The" Practical Guide to Algiers, xiii. 183 †
- Harris, R., remarks on Bolivia, etc., iii. 418
- Harris, W. B., on Thomson's journey in Morocco, xi. 163; visit to Sheshouan, xi. 18\*; Distribution of Tribes in N. W. Morocco, xi. 487\*; the Land of an African Sultan, xii. 121 †; further notes on North Morocco, xiii. 164\*; visit to Yemen, xiv. 771
- Harrison, W. A., Manual of Physiography, i. 814 †
- Harrison, W. G., Earth-knowledge, x. 255 †
- Harrisse, H., Jean et Sébastien Cabot, iv. 773 †; Les Corte-Real et leurs Voyages, v. 678 †; Christopher Columbus, vi. 426 †, viii. 210; Christophe Colombe et Savone, x. 180 †; Christophe Colomb, Les Corsees, etc., xiv. 579 †; on the Cantino Map, xiv. 606
- Harrou, A., La Commune de Familleureux, xiv. 722 †
- Harrow, geographical education at, viii. 202
- Harrowby, Earl of, obituary of, v. 388
- Harro-Wenchit, Mount, xii. 174
- Harrower, H. D., Captain Glazier and his Lake, ix. 58 †
- Hart, H. C., Fauna and Flora of Sinai, etc., xiii. 238 †
- Hartert, E., explorations in Upper Assam, xi. 385, 386
- Hartland, Mr., journey to Banza Makuta, iii. 24; visit to the Arthington falls, iii. 99
- Hartleben, A., Karte der Donau, ii. 463, 523; Universal Hand-Atlas, xiii. 447; Volks-Atlas, x. 404, xiv. 271
- Hartman, R., Die Völker Afrikas, i. 811 †
- Hartmann, C. H., ascent of the Owen Stanley Range, ix. 721, 767
- Hartog, Mr., visit to Timor Laut, vi. 117
- Hartt, Professor, exploration of the Rio Dôce, viii. 368, x. 66
- Harut-rud river, i. 194
- Harvard College, proposed astronomical observatories on high mountains, ix. 249
- Harvey, J., obituary of, i. 368
- Harvey, Rev. M., Newfoundland, v. 241 †; on the Agricultural Capabilities of Newfoundland, x. 457
- Harz Mountains, Maps of—v. Bomsdorff, xiii. 510; Deichmann, v. 435, vi. 486, vii. 697; Diercke and Gaebler, ix. 591; x. 678; (west, geological), viii. 64
- Hasler, Dr. Emil, Centralstädamerika-nische Forschungen, x. 253 †
- Hassan Beyley pass, viii. 96, 97
- Hassan Kuli Khan, chief of the Bakhtiari, v. 125, 126, 132
- Hassell, A. H., San Remo and the Western Riviera, i. 808 †
- Hasselt, Mr. Van, explorations in Sumatra, i. 769, 772
- Hassenstein, B., Atlas von Japan, viii. 136, ix. 530; Bohndorff's Reisen in Zentral-Africa, vii. 693; maps by:—Corea, v. 628; Das Gebiet der Ewe-Stämme und die Deutschen Erwerbungen im Togoland, x. 612; Die Deutschen Besitzungen in West Afrika, vii. 61, in W. Polynesian, vii. 414; Ebene Von Yedo, i. 412; Itinerar-Aufnahmen im Aegyptisch-Abessinischen Grenzgebiet, vi. 360; Junker's Reisen in Afrika, ii. 77, xi. 641 *note*; Kriegeschauplatz von Alexandria bis Tuntu, iv. 709; Merw und das Russisch-Persische Grenzgebiet, vi. 613; Rogozinski's Reisen im Kamerun-Gebiete, vi. 360; Rohlf's expedition to

Hassenstein, B.—*continued*—

- Abyssinia, v. 55; West Equatorial Africa, v. 376; Verzeichniss der Karten in Petermann's Geo. Mitt., ii. 203  
 Hassert, Dr. K., Der Scutari-See, xiv. 569 †  
 Hastings, E. J., statistical atlas of commercial geography, ix. 790  
 Hathorn sound, xii. 394  
 Ha-tinh province, viii. 219  
 Hatsek, J., Administrative-Wandkarte von Ungarn, vii. 492  
 Hatton, Frank, explorations in North Borneo, x. 141; North Borneo, vii. 830  
 Hatton, Joseph, Newfoundland, v. 241 †, 305; the New Ceylon (British North Borneo), iv. 116 †  
 Hatton-Richards, T. H., Travels with Sir W. MacGregor, iv. 575 †  
 Hatzfeldt harbour, New Guinea Company's station at, viii. 719; rainfall at, xiii. 176, 177  
 Hauash, Col., on the Welle, v. 33, 34  
 Haud plain, Somaliland, vii. 629, 630  
 Hauer, Dr. F. R. von, Geologische Übersichtskarte von Bosnien-Herzegowina, iii. 64; Annalen des K. K. Naturhistorischen Hofmuseums, viii. 281 †  
 Houghton, S., Six lectures on Physical Geography, ii. 394 †  
 Hauptfluss und Nebenfluss, Wisotzki, xi. 637 †  
 Hauptmann, S., Karten von Mykenai, vi. 303  
 Haurangatahi mountain, New Zealand, vii. 220  
 Hauser, Capt. P., Die Aequator-Durchgänge des Mondes, ix. 134 †  
 Hauser, P. M., Das Klydoskop, iv. 327  
 Hausermann, R., Carte des possessions Anglaises et Françaises sur le Golfe de Guinée, vi. 548  
 Hauslab, R. von, Hypsometrische Uebersichts-Karte von Bosnien, i. 347, ii. 143  
 Hausa Land, Into the Heart of, Staudinger, xi. 188 †  
 Hausa race, W. Africa, xii. 168; on opening relations with, Hallen, xiv. 715; Language, Elements of, xi. 316 †  
 Haussknecht, Prof. O., Routen im Orient, 1865-1869 (map of), Kiepert, iv. 520  
 Haut-Dauphiné, Guide to, Coolidge, Duhamel, and Perrin, ix. 710 †  
 Hautreux, M., Formation des bancs de Terre-Neuve, d'après M. Thoulet, x. 397 †  
 Hauz Mahomed spring, Siab Kuh mountains, xiii. 651  
 Havannah harbour, New Hebrides, viii. 546  
 Havard, H., La Hollande à vol d'oiseau, iii. 58 †  
 Havro bank, Norway, ii. 282, 283  
 Haveli-Khalifatābād, India, xiii. 284  
 "Havildar," the, obituary of, i. 600  
 Havre, new commercial geographical society at, vi. 582; environs of, Leblanc, ix. 655

## Hawaiian Islands—

- Exhibits at the Paris Exhibition, Catalogue of, xi. 753 †  
 Geography and History, etc., of, Monner Sans, vi. 55 †  
 Historical sketch of education in the, xi. 753  
 Honolulu Almanac and Directory, 1886, viii. 407 †  
 Kingdom of, Gordon Cumming, v. 114 †  
 Latitudes determined for the Government of, Preston, xiv. 576 †  
 Map of, Bishop, ix. 725  
 Population of, vii. 462  
 Survey, Government, of, xi. 753 †  
 Volcanoes, etc., of, Dana, xi. 516  
 Work on, Bastian, v. 682 †  
 Hawara tribe, Morocco, xiii. 164  
 Hawash river, Galla country, vii. 110; source of, x. 451; upper, Traversa's expedition to, ix. 627  
 Hawes, A. G. S., on a new Central African lake, ix. 439; on the commercial resources of the Nyasa region, x. 237  
 Hawes, Lieut., and E. M. Satow, Handbook for Travellers in Japan, vi. 355 †  
 Hawiya Somal tribe, vii. 642; country of the, vi. 259  
 Hawker, mount, Australia, vi. 568  
 Hawkes, Cape, viii. 167  
 Hawkins, M. W. S., Plymouth Armada Heroes; the Hawkins Family, xi. 115 †  
 Haws, robber tribe of Siam, x. 128, 131  
 Hawz i Sultan, Persia, x. 630 and note.  
 Hay, J. C., Arakan, xiv. 869 †  
 Hay, Miss M. B., translator of paper on earthquakes in Russian Turkistan, x. 638  
 Hay, Rev. R. Wright, on the physical characteristics of the Mayumba, W. Africa, viii. 330  
 Hay river, Australia, vi. 567, 568  
 Hay river, North America, v. 644  
 Haybittel, R., journey for the relief of the Boers in Damaraland, ii. 317  
 Hayden, Prof. F. V., geological and geographical atlas of Colorado, i. 160; report on the United States geological and geographical surveys, i. 132, 285, ii. 460; on the Two Ocean Pass in Wyoming, i. 721; the Great West: its Attractions and Resources, ii. 462 †; on Sir J. D. Hooker, v. 419; North America, Stanford's Compendium (in part), v. 432 †; obituary of, x. 423  
 Haydn's Dictionary of Dates, etc., edit. Vincent, xi. 755 †  
 Haydon, F. W., on Thomson's journey through the Masai country, vi. 710  
 Hayes, A. A., on North American Trans-Continental Pathways, xii. 292 †; New Colorado and the Santa Fé Trail, iii. 62, xii. 366  
 Hayes, O. W., explorations in the Yukon district, xiv. 561  
 Hayes, Dr. T. T., obituary of, iv. 101  
 Hayes river, depth of frozen soil in bed of, ix. 769, 770



- Hayes sound, viii. 171  
 Hayn, C. F., Karte der Erzdiocese Coeln, iii. 765  
 Haynes, Capt. C. E., on Matabeleland, etc., ix. 692  
 Hayter, H. H., Victorian Year-Book †, x. 543, xiv. 574  
 Hayter island, China Straits, v. 507  
 Hayti or the Black Republic, St. John, vii. 606 †. See Haiti.  
 Hayward, H. M., on the submarine volcano off Cape Colville, N. Z., iii. 672  
 Hazara country and tribe, Afghanistan, i. 250, vii. 562, viii. 148, ix. 103  
 Hazardarakht river, Afghanistan, i. 618  
 Hazen, General, on measures for Greely's relief, vi. 91  
 Hazen, Lake, ice formation in, viii. 166  
 Hazompotsy river, Madagascar, iv. 530  
 Hearne, Samuel, explorer of Lake Athabasca, v. 644, 648  
 Hearne, T. P., letter from Lupton Bay, v. 482  
 Heath, Dr. E., exploration of the Beni river, Bolivia, iii. 420, v. 327 \*; map of the same, v. 327 note.  
 Heath island, China Straits, v. 507  
 Heathcote, Lieut., measurement of river Irawadi, vii. 301  
 Heaton, J. H., Australian Dictionary of Dates and Men of the Time, i. 742 †  
 Heaviside, Lieut.-Colonel, survey work of, vii. 686, 688; retirement from Indian Survey Department, x. 591  
 Heawood, E., on Livingstone's Lake Lincoln, vi. 91; on the river Kuta of Lupton Bay, vi. 344; on the lengths of the greatest rivers in the world, ix. 252  
 Hebrides, Outer, Bartholomew's map of the, vii. 411  
 Hector Pass glacier, Rocky mts., xi. 155  
 Hector range, New Zealand, vi. 62  
 Hector, Sir James, Handbook of New Zealand †, vi. 105, viii. 539; map of New Zealand, v. 750; award of Founder's medal to, xiii. 294  
 Hector, Th., Ellipto-Polar map of the world, iii. 381  
 Hedger, Capt., On Sea and Shore, xiii. 742 †  
 Helges, W., Diary of, Barlow and Yule, ix. 587 †  
 Hedin, M. S., ascent of the peak of Demavend, xiv. 565  
 He-ho river, affluent of the Song-coi, viii. 219; d'Augis's ascent of, iv. 608, 609  
 Heiderich, Herr, on the mean elevation of Africa, x. 589  
 Heilprin, A., explorations on the west coast of Florida, etc., ix. 589 †; the Bermuda Islands, xii. 248 †; on the culminating point of the North American continent, xii. 754; Explorations in Mexico, xiii. 239 †; work on the Cretaceous Deposits of Mexico, xiii. 240 †; Floras of the Great Volcanoes of Mexico, xiv. 473, 504 †  
 Heim, Dr. A., Der Gebirgsbildung, i. 282 †; Handbuch der Gletscherkunde, vii. 347 †; on the glaciers of the Caucasus, x. 686 and note.  
 Helmin people, Loochoo islands, iii. 591  
 Heine, W., Japan, ii. 324 †  
 Heins, M., L'évolution topographique d'une Grande Ville, xi. 508 †  
 Hekla, mount, height and temperature of, ix. 52  
 Hekla, the, expedition of, to Greenland, xiii. 688  
 Helby, Lieut. E., survey work between the Narbada and Perim island, x. 83  
 Hélène, Maxime, the Public Work of the Nineteenth Century, v. 50 †  
 Helgustadz, lime quarry, Iceland, v. 485  
 Heligoland, denudation of, Lindemann on, x. 712; plan of, Aenckens, ix. 265  
 Hellmann, Dr. G., Regenverhältnisse der Iberischen Halbinsel, x. 538 †  
 Hell's Cauldron gorge, West Africa, v. 697  
 Hellulund, Newfoundland, vii. 29  
 Hellwald, F. von, Die heutige Türkei, i. 282 †; In ewigen Eis, iii. 116 †; Au Pôle Nord, iii. 192 †; America, by Pen and Pencil, v. 241 †  
 Hellwig, Dr., ascent of Saddle Mountain, New Guinea, xi. 607  
 Helmersen, G. von, Geology and Physical Geography, etc., v. 108 †; Beiträge zur Kenntniss des Russischen Reichs, etc., viii. 208 †  
 Helms, L. V., Pioneering in the Far East, etc., iv. 184 †  
 Helmund river, i. 246, 727, ii. 550, vi. 663; basin of the, authorities for the geography of, i. 200; Markham on, i. 191 \*; course and length of, i. 195; Holdich's notes on, vii. 160  
 Helmann, Dr., report on the Eighth International Congress of Americanists, xiii. 43  
 Henard, M. Ch., presentation of his "Cosmographie Mobile," v. 562  
 Hendei, Usambara, i. 90  
 Henderson, A., Palestine, vii. 195 †  
 Henderson, Capt. W. H., on south-eastern New Guinea, ix. 81, 86  
 Henderson, Mr., station at Majuro Island, viii. 557  
 Hennebert, Prof., on the Pass of Hannibal, viii. 642  
 Hennessey, H., on the Physical Structure of the Earth, xiv. 730 †  
 Henning, Capt., on China and Korea, ix. 56  
 Henrici, Dr., journey in Togoland, West Africa, x. 309; Das Deutsche Togogebiet und Meine Afrikareise, 1887, x. 476 †  
 Henriët, M. J., Annual Directory of the Ottoman Empire, iv. 565  
 Henriëtta island, Arctic Sea, iv. 376  
 Henriëtta Nasmith glacier, viii. 160  
 Henry, B. C., explorations in the Island of Hainan, ix. 378; Ling-Nam, or interior views of Southern China, etc., viii. 474 †



- Henry, Dr., on Pratt's journeys to Ta-tsieu-lu, xiii. 342
- Henry Forbes Mount, Owen Stanley range, height of, xi. 606
- Henry Mountains, Utah, Gilbert's survey of, i. 797
- Henry Reid Bay, New Britain, iii. 88
- Henshaw, H. W., Perforated Stones from California, x. 478†
- Herald island, Arctic Ocean, iii. 732
- Herald islets, Kermadec islands, x. 317
- Herat, Grodekof's survey from the Oxus to, i. 387; plan of the fort of, ii. 77; railway to, Lessar's projected, v. 18; possibilities of a, viii. 149, 150; routes to, from Merv and the Caspian, v. 4, 6; town of, vii. 276, 285, viii. 147-149; valley of, and the Persian border, Stewart, viii. 137\*; luxuriance of the, viii. 149, 153; The Granary and Garden of Central Asia, Mallet, ii. 200†
- Herbert, C. E., map of the State of Sonora, vii. 413†
- Herdubreid, mt., Iceland, iv. 143, 144
- Herendeen, Capt. L. U., on prehistoric structures in Micronesia, vii. 385
- Herero land, explorations in, Schenck, xi. 183, 184; Schinz, viii. 650; map of, xi. 322; coasts of, vii. 200, 352
- Herjulsnaes, Greenland, v. 295
- Herodotus on the Jaxartes, i. 161
- Hertfordshire, Archaeological Survey of, Evans, xiv. 722†
- Hertha, Zeitschrift für Erd-Völker- und Staatenkunde, vii. 696†
- Hertalet, Sir E., collection of Treaties, etc., subsisting between Great Britain and Foreign Powers, viii. 281†; *id.* Commercial, and other State papers, Indices to, viii. 281, 283†
- Hertz, M. Ch., new general work on geography, i. 396
- Herveo, volcanic centre of, Colombia, v. 250
- Hervey, M. H., Dark Days in Chile, xiv. 428†
- Herzegovina, special place and river map of, Artaria & Co., iv. 327
- Hess, H., Illustrierter Führer durch die Zillerthaler Alpen, etc., ix. 711†; Special-Führer durch das Gestuse, etc., xiii. 635†
- Hessels, J. H., Ecclesie Londino-Batavæ Archivum Tomus Primus (Ortelii epistolæ, etc.), edited by, x. 256†
- Hesse-Wartegg, E. von, Nord-Amerika, Seine Städte und Naturwunder, i. 78†, ii. 201; Mississippi-Fahrten, iv. 122†; Tunis: the land and the people, iv. 514; Der See von Tacarigua und die Eisenbahn von Valencia nach Puerto Cabello (map), x. 812; observations on Lake Valencia, Venezuela, x. 795
- Heth and Moab, Conder, v. 742†
- Hetherwick, Rev. A., on the Mang'anja and Yao tribes, ix. 114; Journey to Lake Namaramba, x. 25\*
- Hottner, Dr. A., Die Sierra Nevada von Santa Marta, vii. 408†; Reisen in den Columbianischen Anden, x. 604†; results of journeys in the same, xiv. 850; explorations in Peru and Bolivia, xii. 291, 382, 383, xiii. 47
- Hetzl, G., Plan von Leipzig, ix. 850
- Heuglin's "immeasurable lake," v. 86
- Heyd, W., Geschichte des Levantehandels im Mittelalter, i. 809†
- Heyes, J. F., the Recognition of Geography, x. 53†; Aspects of Imperial Federation, *ib.*
- Heyfelder, Dr. O., Transkaspien und seine Eisenbahn, x. 106†
- Hickson, S. J., A Naturalist in North Celebes, xii. 181†
- Hiern, W. F., xii. 614
- Highlands and Islands, the Northern, Baddeley's Guide to, v. 430†
- Highman, T., geography and atlas of the British Empire, i. 752
- Hikwa, Lake. See Rukwa.
- Hilber, on changes in the sea-level, xiv. 639
- Hildebrand, Prof., on the earliest Indo-European races, vi. 164
- Hildebrandson, H. H., Les Orages dans la péninsule Scandinave (in part), x. 538†
- Hildebrandt, Dr., explorations in Madagascar, ii. 268, 519, 520, iii. 112, 372; journey to Mount Kenia, iv. 747
- Hillhouse, Mr., journey up the Cuyuni, iv. 695
- Hillisat, Southern Persia, v. 147
- Hill, Gray, With the Beduins (Syria), xiii. 53†
- Hill, G. B., Col. Gordon in Central Africa, iii. 504†
- Hillier, W. C., journey in North China, i. 517
- Hills, General J., on Geographical Results of the Afghan Campaign, iii. 77\*
- Hill-towns, or cities of refuge in Korea, viii. 297
- Hilscher, A., Wandkarte des Kreises Pöln, ii. 591
- Himalayan District of the N.W. Provinces, Atkinson, ix. 586\*
- Himalayan Journals, Hooker, xiv. 340†
- Himalayas—**
- Ascents in the, Graham, vi. 68, 69, 429\*
- Climate and Distribution of disease in the districts of the, Macnamara, ii. 459†
- Exploration in the, Conway, xiv. 178, 468, 557, 631, 704, 753; Déchy, ii. 124; difficulties of, vi. 433
- Geology of the Central, Griesbach, xiv. 196†
- In the, and Indian Plains, Gordon-Cumming, vii. 53†
- Mountain climbing in the, v. 604
- Mountain Systems of the, Godwin-Austen, v. 613,\* vi. 83\*
- Our present knowledge of the, Tanner, xiii. 403\*

**Himalayas—continued—**

- Photographs of the, Johnston and Hoffmann, xi. 404, xiv. 204  
 Railway to Darjiling in the, iv. 508  
 Rarefied air in the, effects of, vi. 434, 435, 443  
 Snow peaks of the, Tanner, vii. 752  
 Topographical survey in the, vi. 445  
 Western, Ujfalvy on the, vi. 170 †  
 Himmelbjerg hill, height of, viii. 724  
 Hinchliff, Th. W., obituary of, iv. 424  
 Hind, Professor, journey in Labrador, x. 191; on the prairie fires of N. America, xiv. 84, 86, 91, 94  
 Hindu-Koh (Sport in the Himalayas), Macintyre, xi. 749 †  
 Hindu Kush, i. 38, 110, *et seq.*, iii. 71, 72; Dauvergne's explorations in the, xii. 45, 96, 233, 567; passes of the, i. 111, 114, 121; Tribes of the, Biddulph, iii. 318 †  
 Hinman, Russell, on the source of the Mississippi, viii. 652; Eclectic Physical Geography, x. 671 †  
 Hioung-nu, the, v. 15 and *note*.  
 Hippisley, Mr., on the population of China, v. 443  
 Hirsch, A., Nivellement de Précision de La Suisse, ii. 655 †; Comptes Rendus de l'Association Géodésique Internationale, 1891, xiv. 810 †  
 Hirschfeldt, Prof. G., archaeological expedition to Eastern Bithynia, iv. 568; Fortschritte in der geographischen, etc., Kenntniss der alten griechischen Welt, xiii. 53 †; on the teaching of geography, xiii. 434  
 Hirschwald, Dr. J., Geologische Wandkarte von Deutschland, i. 343  
 Hirst, W. C., obituary of, i. 217  
 Hirth, Dr. F., China and the Roman Orient, etc., vii. 693 †; on the ancient commercial relations of the Chinese with the West, xi. 119  
 Hislop, S., Missionary in India, Smith, xi. 55 †  
 Hispar glacier, Karakoram, xiv. 631  
 Hissar, town of, viii. 37; Oshanin's expedition to, i. 64, ii. 573  
 Historic Towns, Cinque Ports, Burrows, xi. 52 †  
 Historical Atlas, K. Johnston, xiii. 511; (Public Schools), Colbeck, vii. 272; Spruner-Bretschneider, vii. 270  
 Historical-Geographical Atlas, Spruner, iii. 128; Vidal-Lablache, xiii. 136; Dictionary of the German Middle Ages, Oesterley, v. 109 †  
 History of the Age of Discoveries, Ruge, iii. 638 †  
 Hitchman, Francis, Life of Sir R. F. Burton, x. 111 †  
 Hittites of Asia Minor, vi. 321  
 Hiyathelch or White Huus, vii. 579, 580  
 Hjarne, Dr. H., on Russians as a colonizing people, v. 362  
 Hildarnámar, mud springs of, Iceland, iv. 136

- Ho river, China, i. 494  
 Hoang-ho river, iv. 616, v. 104, 237, 442, vii. 170, ix. 227, 228  
 Erratic tendencies of, ii. 164  
 Explorations of, and visit to new course, i. 127, ii. 145\*  
 Overflow of, Oxenham on, x. 535  
 Source of, vii. 170  
 Upper, Prejevalsky's visit to, ii. 697  
 Hobart Town, Account of, and Tasmania, Prince Ludwig of Austria, ix. 522 †  
 Hobday, Major, surveys in Upper Burma, ix. 308, 575, 576, x. 452, xiii. 173, 362, 402  
 Hobley, Mr., explorations of Tana river and Mt. Kenia, xiv. 532, 533  
 Hobson, Mr., on the Trade Routes from Bengal to Tibet, i. 682\*  
 Hobson-Jobson, Glossary of Anglo-Indian terms, Yule and Burnell, viii. 404 †  
 Hoche, Jules, Les Pays des Croisades, ix. 316 †  
 Hochstetter, Dr. F. von, journeys in New Zealand, vi. 57, *et seq.*; death of, vi. 666  
 Hock, Dr. J., Nahrungspflanzen Mitteleuropas, etc., xii. 702 †  
 Hodayu well, Somaliland, vii. 63  
 Hodeida, vii. 459, ix. 480.  
 Hodgkinson, W. C., Back Grant awarded to, vii. 478  
 Hodgson, B. H., on the name of Mount Everest, viii. 88, 177  
 Hodgson, Mr., on the rainfall of Humboldt Country, N. America, xi. 506  
 Hodister, M., explorations in the Congo Basin, xiii. 37, 393  
 Hodja-med, Turkistan, iv. 494  
 Hoernes, Dr. Moriz, Cultur und Landschaftsbilder aus Bosnien und der Hercegovina, x. 250 †  
 Hoeven, Mr. Pruys van der, explorations in Sumatra, i. 770  
 Hoffman, Mr., expedition to N. E. of Kanchinjinga, xiv. 613  
 Hoffmann, Capt., on temperature and currents of east coast of Africa, viii. 767, 768  
 Hoffmann, Dr. H., Phänologische Karte von Mittel-Europa, iii. 117  
 Hoffmann, Dr. W. G., on Indian rock inscriptions in the United States, viii. 398  
 Hoffmann falls, Tana river, xiv. 523  
 Hofrat copper-mine, ix. 294  
 Hofs Jökull, Iceland, xiv. 847  
 Hogarth, Mr., on the passes of the Taurus and Anti-Taurus, xiv. 54, 354  
 Hogarth mount, central Australia, xiii. 357  
 Hogben, G., Earthquakes in New Zealand, xiv. 563, 575 †  
 Hogendorp, Lieut. Count v., exploration of the Nanusa islands, x. 453  
 Hoggar mountains, Sahara, xii. 622  
 Hühnel, Lieut. von, on Lake Rudolf and its hydrographical connection, xi. 678; explorations in East Africa, xii. 377; with Chanler, xiv. 412, 803; Beiträge zur Geologischen Kenntniss des Ostlichen Afrika, xiv. 810

- Ho-hsi town, viii. 373  
Hoidutham, Tibet, vii. 71  
Hoi-Hoi or Uighur kingdom, Central Asia, xiii. 210  
Hoi-yang, viii. 306; lava fields round, viii. 305  
Holden, Rev. W. C., the Past and Future of the Kafir races, i. 204 †  
Holder, H. W., explorations in the Caucasus, x. 686, xiii. 389; the peaks of the Bezingi glacier, xi. 359 \*  
Holdich, Lieut. Col., the Mardian Hills and Lower Indravati, i. 372 \*; new routes to Candahar, i. 729; Geographical Results of the Afghan Campaign, iii. 65 \*, 82; on the Kafir tribes, iii. 280 note; on Indian frontier surveys, iv. 691; survey work of, vi. 18, 370; *id.* (Afghan Boundary Commission), vii. 39, 160 \*, 273 \*, viii. 428, 429, 644, ix. 574, report on, x. 395 †; on the Position of Mashad, vii. 735 \*; medal presented to, ix. 311, 452, 453; obituary of Sir Ch. M. MacGregor, ix. 194; African Boundaries, etc., systems of survey for, xiii. 596 \*; on the exhibition at the Berne congress, xiii. 615; on the orthography of geographical names, xiii. 615; on the prime Meridian, xiii. 615  
Holland, Bird's-eye view of, Havard, iii. 58 †; Handbook for travellers in, Murray, xi. 252 †; nautical training in, iv. 301; Rainfall of, Engelensburg, xiv. 722 †; Sketches from a tour through, Mahaffy and Rogers, xi. 116 †  
Holland, Mr., ascent of Öröfa Jökull, xiv. 848  
Holland, Rev. F. W., obituary of, iii. 670  
Hollingworth, Mr., on Morrison's journeys in China, ii. 163  
Hollrung, Dr., expedition in New Guinea, viii. 719, x. 34, 600, xi. 412  
Holm, Capt. G., expedition to East Greenland, iii. 50, vi. 344, 538, vii. 245, 386, viii. 50, xi. 318 †; Skizze von König Christian IX. Land, viii. 213  
Holm, Walwyn, photographs in Yoruba country, xiii. 700  
Holmboe, O., Oversigtskart over Nordpolarlandene, etc., ii. 463  
Holme, R. F., Journey in San Paulo, Brazil, ix. 108 \*; in the Interior of Labrador, x. 189 \*  
Holmes, W. H., the use of Gold, etc., on the Isthmus of Darien, x. 478 †; Textile Fabrics of Ancient Peru, xii. 707 †  
Holmwood, F., on O'Neill's journey to Lake Shirwa, etc., vi. 655; on the trade of East Africa, vii. 239  
Holtze, Mr., Exploration of Melville Island, xiv. 862; Narrative of, xiv. 875 †  
Holub, Dr. E., Eine Kulturskizze des Marutse-Mambunda Reiches, i. 538 †; career and work of, i. 707; the Victoria Falls, i. 741 †; expedition in S. Central Africa, i. 666, ii. 166, \* 414, 761; on the Marutse-Mabunda Empire, ii. 261; Sieben Jahre in Süd-Afrika †, ii. 270, iii. 61, English translation, iii. 319 †; projected African expedition of, v. 230; journey in the Batoka country, x. 647; von der Capstadt ins Land der Maschukulumbe, xiii. 373 †  
Holy-land, map of, to illustrate the Old and New Testaments, vii. 272  
Hölzel, E., Geographische Charakter-Bilder für Schule und Haus, xii. 128; A Magyar Korona Országainak Iskolai Fali-Térképe, xiv. 507  
Homburg, map of the environs of, vi. 611  
Home, Col. R., obituary of, i. 308  
Homin, Persia, iii. 515, 516  
Honāwar, port, vii. 722  
Honduras, British. See British Honduras.  
Honduras, Spanish, a Lady's Ride Across, Solters, vii. 408 †; maps of, Bianconi (commercial), xiv. 269, Byrne, viii. 676; Pilcher on, xii. 699 †  
Honey river, South-West Africa, v. 463  
Honolulu, Almanac and Directory for, 1886, viii. 407 †; voyage of the *Missionary Packet* from Boston to, 1826, Hunnewell, ii. 712  
Hood, mount, Oregon, i. 699, ix. 271  
Hooge Veld, Transvaal, x. 250  
Hooker glacier, New Zealand, vi. 58, 59  
Hooker, Sir Joseph, vii. 479, xiv. 492; on the Polar climate in former ages, i. 68; Journal of a Tour in Morocco, i. 149 †; on the origin of the flora of the Alps, i. 588; Address at the British Association, York, 1881, iii. 595 \*; presentation of medal to, v. 296, 417-489, 424, 624; on Forbes' Exploration in the Tenimber islands, vi. 132; on Graham's ascents in the Himalayas, vi. 444; on Im Thurn's journey to Mount Roraima, vii. 534; on Mount Everest, viii. 93, 183; geography in its relation to history, viii. 197; on geographical education, viii. 198; obituary of John Ball, xii. 99; of Sir H. Lefroy, xiii. 115, 199, 201; reminiscences of Mr. Bates, xiv. 249; Himalayan Journals, xiv. 340 †; visit to Zemu valley and glacier, xiv. 613  
Hooper, Capt. C. L., on the cruise of the *Corwin* in Arctic seas, iv. 180; report on the same, viii. 474 †  
Hooper, E. D. M., the Forests of the West Indies and British Honduras, x. 742 †  
Hope, search and relief expedition for Mr. Leigh Smith, iv. 375, 420, v. 213, 222  
Höpfner, Dr. C., exploration of Orampo-Land, v. 659  
Hopia, East Africa, vi. 271  
Hopkins, David, obituary of, i. 726  
Hor-Ba-tu lake, Tibet, xiv. 320  
Hore, Annie R., to Lake Tanganyika in a Bath-Chair, ix. 58 †  
Hore, E. C., on the Tanganyika Mission, i. 207; visit to the outlet of the lake, ii. 48; on the Lukuga river, ii. 257; visit to the south end of Tanganyika,

Hore, E. C.—*continued*—

ii. 692; on its rise and fall, iii. 41; on the Nyasa route to Central Africa, iii. 274; on Lake Tanganyika, iv. 1, \* xi. 581, \* xiv. 571 †; presentation to, by French Government, v. 103; exploration in Central Africa, xii. 376

Horkand, sea of, ancient Indian Ocean, iv. 655

Hormuz, Persia, xii. 580

Horn, Cape, archipelago of, vi. 348; French Scientific Mission to †, v. 560, 562, xii. 706

Horn Mount, Iceland, x. 307

Horne, John, A Year in Fiji, iii. 761 †

Horne, Père Antoine, obituary of, ii. 514

Hörnliman, Herr J., on the depth of Swiss lakes, ix. 686

Hórom-bé Desert, Madagascar, iv. 536, xiii. 367

Horowitz, V. J., Marokko, ix. 260 †

Horsford, E. N., John Cabot's Landfall in 1497, viii. 346 †; the Problem of the Northmen, xi. 633 †; the Discovery of the Ancient City of Norumbega, xii. 641 †; its Defences, xiii. 376 †; the Landfall of Lief Erikson, xiv. 808 †

Hort, Dora, Tahiti; the Garden of the Pacific, xiii. 571 †

Hort, Mrs. A., *vid* Nicaragua, ix. 320 †

Horton, Surgeon-Major, map of Wassaw and Abanta, Gold Coast, iv. 581

Hosie, Alex., Journeys in South Western China, vii. 50, 120, 242, 763, viii. 371 \*; Three years in Western China, xii. 569 †

Hoskier, V., Et Besög i Grækenland. Ægypten og Tyrkiet, i. 744 †; Reise i China, Japan og Indien, iii. 114 †

Hoskyn, Commander, surveys by, v. 275, 597; on coasts of Borneo and Japan, iv. 553; on Indian coasts, xiii. 610; obituary of, xiv. 189

Hosu Honai, ruins of, viii. 733

"Hospital" river, Colombia, v. 256

Ho-tau boat of China, iv. 717

Ho-tung, Formosa, vii. 12

Houghton, Lord, on Holm's journey in South Africa, ii. 182; remarks at anniversary dinner, vi. 420, vii. 480; obituary of, vii. 615; Marquis of Lorne on death of, vii. 825

Houghton, Major, note on, Perrott, ix. 693

Hourst, Lieut., explorations of the Upper Niger, xiv. 720

Houssay, F., A Travers la Perse Méridionale, xiv. 723 †

Houtum-Schindler, Gen. A., maps of routes in Persia, v. 749; on the population of Persia, vii. 460; observations at Teheran, vii. 735; Notes on Demāvend, x. 85 \*; on the Length of the Persian Farsakh, x. 584 \*; on the new lake between Kom and Teheran, x. 624; travels in S.W. Persia, xii. 553; Notes on the River Kur in Fars, etc., xiii. 287 \*; on the Sabzeans, xiii. 663 \*

Hova tribe, Madagascar, iv. 530, 535, 536, xi. 299, xiv. 742

Hovell, New South Wales, map of, v. 310

Hovgaard, Lieut. A., memorial on his projected *Jeannette* search expedition, iv. 50; Nordenskiöld's Voyage round Asia and Europe, trans. Brækstad, iv. 248 †; the Danish Arctic Expedition, iv. 577 †; Arctic expedition of, iv. 333, 376, 499, 549, 607, 754, 768, vi. 167; Karte des Karischen Meeres, vi. 486

Howard, J. E., Memoirs of W. W. McNair, xii. 184 †

Howard, Lieut., journey across North Alaska, ix. 308

Howell, E. J., Mexico, xiv. 342 †

Howell, F. W., Ascent of the Orcafa Jokul, Iceland, xii. 619, xiii. 612, xiv. 841 \*; photographs of Scenery in Iceland, xiii. 576

Howgate, Capt., H. W., the Cruise of the *Florence*, etc., i. 743 †; expedition to Franklin Bay, ii. 406, 509

Howland, O. A., the New Empire, xiv. 63 †

Howorth, H. H., on Prejevalsky's journeys in Central Asia, ix. 230; on James's journey in Manchuria, ix. 567; on Younghusband's journey across Central Asia, x. 517; on Younghusband's journeys in the Pamirs, xiv. 233; on the ruins of Mashonaland, xiv. 305; the Mammoth and the Flood, ix. 784 †

Hrafninnuhrygg, obsidian hill, Iceland, iv. 187

Hsi Jung on the conservation of waterways in China, i. 718

Hsün-chow, Southern China, xiii. 256

Huallaga river, Peru, xiv. 389

Huanaí river, v. 337

Huancayo, Peru, xiv. 391

Huanchaca silver mine, Bolivia, iv. 674, xiv. 709

Huang-chia-p'ing, viii. 380 \*

Huari-huari river, Bolivia, v. 322

Huasteco tribe and district, Mexico, ix. 568, 570, xi. 182

Hubbard, G. G., South America, xiii. 376 †

Hübbe-Schleiden, W., Ethiopien, Studien über West-Afrika, i. 150 †

Huber, Ch., journey in Arabia, iii. 184 v. 359, 371; medal awarded to, by Paris Society, v. 358; assassination of, vii. 816; Journal d'un Voyage en Arabie, xiv. 569 †

Huber, M., on the Simplon tunnel, ix. 203

Huber, M. W., on the chief events of the life of Capt. Cook, i. 220

Hübner, A. von, Ein Spaziergang um die Welt, ii. 713 †; through the British Empire, viii. 408; remarks at the dinner to Mr. Stanley, xii. 493

Hue, Abbé, v. 665, 666; his journey through Tibet, vii. 81, 89; on the Lu river, ix. 368

Hu-Ch'i Ryeng, Korea, xiv. 150

Huddersfield and district, contour map of, King, xiv. 65

Hudson, Henry, Arctic voyage of, ii. 7; early voyages of, in Hudson's Bay and Strait, x. 551, 552

Hudson island, xii. 402

**Hudson's Bay—**

Commercial Importance of, etc., Bell, iii. 577 \*

Expeditions to—Bell, iii. 365; Gordon, vii. 462, 542, 747, 819; Report on the same, ix. 717 †

Navigability of, iii. 584, 585, vi. 299; *id.*, Markham on, x. 549 \*; Rae on, x. 653

New route to N.W. Canada *via* Rae, viii. 728

Report on, Bell, iv. 517; on the topography and geology of, *id.*, vii. 341

Hudson's Bay Company, trade of, with the Chipewyans, v. 650, 652; in Labrador, x. 204

Hudson's Strait, ice floes in, x. 561, 565

Hudson, T. S., A Scamper through America, v. 49 †

Hudson, W. H., the Naturalist in La Plata, xiv. 504 †

Huelva, Columbus celebrations at, xiv. 700, 797, 854

Hügel, Baron von, on Macgregor's ascent of Owen Stanley range, xii. 221

Hughes, Alfred, Geography for Schools, Part I. Practical, x. 112 †

Hughes, Major W. G., the Hill Tracts of Arakan, iv. 322 †

Hughes, Prof. McKenny, on geographical education, viii. 119, 201, 203

Hughes, Rev. W., Dark Africa and the Way Out, xiv. 571 †

Hughes, W., and J. F. Williams, the Advanced Class-book of Modern Geography, xiv. 577 †

Hugli river, India, xiii. 275

Hugo, L., on graphical statistics, vi. 45, 46

Hugues, L., Sul nome "America," † viii. 672, x. 742; Il Quarto Viaggio di Amerigo Vespucci, viii. 749 †; Guida per l'insegnamento della Geografia, x. 58 †; di alcuni recenti giudizi intorno ad Amerigo Vespucci, xiii. 741 †

Hui-hsien, town, Kansu, iii. 491

Huilla, South-West Africa, v. 462, 469

Hui-lung-ch'ang town, viii. 377

Hujjela, Yemen, ix. 481

Hukong valley, Upper Burma, xi. 198

Hulan, town, Manchuria, ix. 236, 552

Hulbuk, Turkestan, vi. 503

Hull, Commander, on Temple's voyage on the coasts of Norway and Lapland, ii. 287; on the probable position of the *Jeannette*, iv. 56

Hull, navigation schools in, iv. 303, 307

Hull, Prof. E., geological survey of Eastern Palestine, v. 675; the Survey of Western Palestine, viii. 343 †; Mount Seir, Sinai, and Western Palestine, ix. 259 †; Sketch of Geological History, x. 255 †; Text-book of Physiography, xi. 192 †

Hult, Dr., physical geography observations in Finland, viii. 337

Humann, K., on the Acropolis of Pergamos, iv. 568; Reisen in Kleinasien und Nord Syrien, xii. 703 †

Humba hills, East Central Africa, v. 585, 589

Humbé, South-West Africa, v. 466

Humboldt bay, New Guinea, v. 513, vii. 174, 182

Humboldt country, North America, Hodgson on the rainfall of, xi. 506

Humboldt, labours on the laws of distribution, iii. 599; positions of places in South America, xiv. 126; on Vespucci's alleged first voyage, xiv. 609

Hûneh of Shiraz, xiii. 291

Humpata, South-West Africa, v. 462, 469, 660; Boers at, iii. 588, vii. 174, 182

Humphery, Mr., on the mode of passing the tsetse fly belt, iii. 14; remarks on "Temperate South Africa," iii. 18

Humphreys, General, death of, vi. 161

Humphreys, Mr., survey of the Rio Dôce, x. 84

Humphries, T., account of the Waitomo caves, New Zealand, xi. 736

Hunan province, China, ii. 158; coalfields of, ii. 159, 160

Hun-Chiang river, Manchuria, ix. 539

Hunchun town, Manchuria, ix. 557, 558

Hundes, Himalayas, v. 616, 619, 620; Ryall's Surveys in, i. 444 \*

Hunfalvy, P., Die Völker des Ural und ihre Sprachen, xi. 186 †

Hungarian exhibits at the Venice Geographical Congress, iii. 752

**Hungary—**

And its People, Felbermann, xiv. 806 †

Atlas, county, of, xiii. 380

From the Adriatic to the Danube, Tissot, v. 49 †

Maps of:—ii. 272; administrative (wall), Hátsek, vii. 492; ethnographical, vii. 198; places and rivers of, Steinhäuser, iv. 519, 579, vii. 697, ix. 592; statistical, v. 51; (wall) Berghaus and Günczy, v. 308

Preservation of, from Inundations, Lanfrancini, iv. 440 †

Hung Miotza. See Urumtsi.

Hunias tribe, i. 446, 451

Hunnell, J., Voyage of the *Missionary Packet*, Boston to Honolulu, 1826, ii. 712 †

Hunter, G., ascent of Owen Stanley range, ix. 621, 767

Hunter, H. C. V., xii. 136

Hunter, Major F. M., report on the province of Harrar, vii. 121

Hunter, Sir W. W., xiii. 296; Statistical Account of Assam, ii. 391 †; Imperial Gazetteer of India †, iii. 440, 574, x. 48

Hunza, Central Asia, ix. 548; state and tribes of, xiv. 34, 205, 222, 768

Huon gulf, New Guinea, ix. 309; mountains at, vi. 203

Hurgrouje, Dr. O. S., on his six months' residence in Mecca, ix. 257; Mekka, mit Bilder-Atlas †, x. 736, xi. 313, xii. 186



- Hurku hills, Mongolia, x. 403, 404  
 Hurlbert, J. B., physical atlas, iii. 447  
 Hurricanes, map of the, of the two hemispheres, v. 51  
 Hartig, A., Plan von Prag und Umgebung, ix. 502  
 Huson-More, James, obituary of, v. 388  
 Husum Ikdir, Persia, v. 60  
 Huthinson, Ed., account of explorations in Victoria Nyanza region, i. 135, 136; of the ascent of the Binué in 1879, ii. 289\*; Remarks on Comber's Explorations in the Cameroons, i. 239†; on Laws' journeys west of lake Nyanza, i. 322; on Holub's journey in South Africa, ii. 181; on King Mtesa's envoys, ii. 385  
 Hutley, W., account of Uguha, Central Africa, iii. 221  
 Hutton, J. F., on Hallett's survey for a railway between India, Siam, and China, viii. 20  
 Huxley pinnacle, Owen Stanley range, xii. 559  
 Huxley, Professor, speech at anniversary dinner, v. 425; the Aryan Question and Pre-Historic Man, xiii. 59†  
 Huyssen, Herr, on internal heat of the earth, xi. 378  
 Hvítá, Greenland, v. 295  
 Hvítá river, Iceland, iv. 134  
 Hwang-ju town, viii. 299, 301  
 Hyades, Dr., on the language of the Fuegians, vi. 423  
 Hyaina province, Morocco, xiii. 167  
 Hyderabad, Journals kept in, Temple, ix. 393†  
 Hydrographers, international congress of, Ryder's proposal for, iii. 138  
 Hydrographic Department of the Admiralty, summaries of the work of, iv. 557, v. 601, viii. 434, 435, x. 417, 418, xi. 416  
 Hydrography, Memoirs of, Dawson, vii. 409†  
 Hydrography of South-Eastern Tibet, the, Walker, x. 577\*  
 Hyères, Ancient and Modern, Denis, iv. 440†  
 Hygar river, S. Africa, vi. 20  
 Hyland, J. S., Über die Gesteine des Kilimandscharo, xi. 188†  
 Hypso-thermometers, M. Savelleiff on the substitution of, for mercurial barometers, xi. 179  
 Hyvernât, H., Du Caucase au Golfe Persique, xiv. 724†

## I

- Ibadan, Yoruba country, xiii. 582, 583  
 Ibaka, King, Congo river, v. 579, vii. 360  
 Ibañez é Ibañez de Ibero, Mapa topográfica de España, iv. 447  
 Ibari-Nkutu river. See Kwango.  
 Ibenga river, tributary of Mobangi, xi. 330  
 Ibero-American Congress at Madrid, xiv. 407

- Ibi, Benue river, xii. 458  
 Ibn Arak, Mohammed, ii. 81, 82  
 Ibn Batuta, journeys of, in Asia, x. 207  
 Ibn Khallikan on the Sabseans, xiii. 644, note  
 Ibo tribe, West Africa, x. 758, 761  
 Ibrahim-Hilmy, H. H. Prince, the Literature of Egypt, etc.†, viii. 276, x. 545  
 Ibrahimiyah canal, Egypt, ix. 614  
 Ice and Snow, Contributions on the Geography of, xiv. 267†  
 Ice Age in North America, its bearings on the antiquity of man, Wright, xii. 302†  
 Ice-caps in Grinnell Land and Greenland, viii. 161, 162  
 Ice Cavern in Eastern France, Martel's exploration of, xiv. 467  
 Ice Fiord, Spitzbergen, Swedish meteorological station at, v. 378, 554  
 Ice-Pack and Tundra, Gilder, v. 307†  
 Ice, the Sea of, by Jules Leclercq, v. 48†  
 Iceland—  
   Across, by the Sprengisander route, Peek, iv. 129\*  
   Ancient map discovered by Norden-skiöld in, v. 473, 556  
   And the Færoe Islands, Labonne, xi. 52†  
   And New Zealand, hot springs of, Peek, v. 667  
   Askja, Iceland's Largest Volcano, Lock, iii. 471\*. iv. 387†  
   Central, the lava desert in, Thoroddsen, vii. 617  
   Discovery of America from, History of, Reeves, xiii. 127†  
   Former vegetation of, Feddersen on, ix. 192, 255  
   Geological changes of the Coast of, Thoroddsen, xiv. 867†  
   Geological map of, xiv. 199  
   Guide to, Lock, iv. 388†  
   Ice off, in 1882, iv. 498  
   Irminger current off, vi. 570  
   Journeys in, Keilhack, vii. 403†; Labonne, ix. 52; Thoroddsen, viii. 789, x. 306, 792, xi. 735, xii. 752  
   Lava flood from Askja in, Lock on, iii. 741  
   Map of, tourists', Brine, iii. 382  
   Nature of, and its influence on the population, Keilhack, viii. 402  
   Observations on volcanic eruptions and earthquakes in, etc., Boehmer, viii. 747  
   Órcæfa Jökull of, xiv. 841  
   Photographs of, Howell, xiii. 576; of South-West, Ferryman, xiii. 700  
   Summer travelling in, Coles, iv. 513†  
   The Land and the People, etc., Dr. Keilhack, vii. 403†; *id.*, Poestion, vii. 765†  
   Two Journeys in, Thoroddsen, xiv. 867†  
   Volcanoes of, Historical account of, Thoroddsen, iv. 701†  
 Icelandic ridge, geological structure of the, xiv. 649



- Ichowra mission, vii. 498, 523  
 Ichumundu hills, E. Africa, iv. 482  
 Iconium (Konieli), Asia Minor, vi. 307  
 Içumia river, South America, ii. 770  
 Icy bay, Alaska, ix. 271, 276  
 Idalia river, Cyprus, xi. 708  
 Iedina, Lieut. L. von, An Asien's Küsten und Fürstenhöfen, xiii. 440 †  
 Igbindo, West Africa, xiv. 458  
 Igi Chaidam, Tibet, vii. 83  
 Ignalata mountain, xiv. 127  
 Ignatief, J. V., expedition in Central Asia, ix. 54, 425  
 Ijebu Ode town, West Africa, xiii. 581  
 Ijo tribe, West Africa, x. 760, 761  
 Ijzerman, J. W., the Temples of Java, xiv. 729 †  
 Ikatta or Lukatta river, viii. 636  
 Ikelemba river, W. Africa, v. 605, vii. 456  
 Iko-Morut, West Africa, x. 437  
 Ikongo mountain, Madagascar, iv. 525  
 Ikopa river, Madagascar, xiv. 744  
 Ilala district, vii. 834  
 Ilala, the steamer on lake Nyasa, v. 32, 691  
 Ilel-Daria river, i. 65  
 Ilesha country, West Africa, x. 321  
 Iletzak, salt mines of, Woelfkoff on, xi. 110  
 Ili, road to, xii. 78, 79  
 Ili river, Kuldja, ii. 493; valley of the, vegetation of, ix. 426  
 Iliniza mountain, S. America, xiv. 128  
 Ilios. See Troy.  
 Ili-su or Kurbu pass, Turkestan, xiv. 781  
 Iliyát tribe, Central Asia, v. 189, 714, xii. 525, 582  
 Iljin, M., journey in the Caucasus, vii. 595; on its mountain scenery, *ibid.*  
 Ilkhani of the Bakhtiari, xii. 544, 547  
 Illampu peak, Andes of Bolivia, v. 813  
 Illecellowaet glacier, Selkirk range, xi. 157, 162, xiii. 554  
 Illimani peak, Andes of Bolivia, v. 313, 341  
 Illinois, Rand McNally & Co's. map of, xii. 56  
 Hlyne, A., Oro-hydrographical map of Russian Europe, i. 154  
 Ilopango, Lake of, Study of the Phenomena in, Rockstroh, ii. 710 †  
 Ilorin, West Africa, iii. 31, 36, xii. 599  
 Imak tribe, i. 200  
 Imam Ali Asgar, shrine of, Afghanistan, vii. 608  
 Imam Rega Dome, position of, vii. 737  
 Imandra lake, Lapland, ii. 595, viii. 48  
 Imbault-Huart, C., Recueil de Documents sur l'Asie Centrale, iii. 247 †  
 Imbert, P., journey to Timbuktu, iii. 316  
 Imbok, British North Borneo, Mausoleum at, x. 6  
 Imerina, Province of, Madagascar, Sibree on, xiv. 737 \*; its general aspects and geological nature, xiv. 742, 743; sketch map of, Grandidier, iii. 120  
 Imhaus, E. N., Les Nouvelles-Hébrides, xii. 438 †  
 Iminifri natural bridge, Morocco, xi. 6  
 Imintanut, Wad, Morocco, xi. 14  
 Im-jin-gang river, viii. 298  
 Imongala, New Guinea, xiv. 863  
 Impakwe river, Mashonaland, ruins at, xiii. 15, 17  
 Impaleni island and town, Chobe river, iii. 210  
 Imperial Institute, year book of the, xiv. 810 †  
 Imperial Mausolea, East of Peking, Journey to, Bourne, v. 23  
 Im Thurn, E. F., among the Indians of Guiana, v. 745 †  
 Inagaki, M., Japan and the Pacific, etc., xii. 436 †  
 Inagu hills, East Africa, vii. 437  
 Inca, the Land of the, etc., Falb, iv. 773 †  
 Incas of Peru, xiv. 396  
 Inchiki river, Tibet, ix. 736  
 Inclan, J. S., Tratado de Topografia, i. 814 †  
 Incomati route to the Transvaal, ix. 497, 501  
 Inewadi Yami, or Twenty Years in South Africa, Matthews, x. 476 †  
 Indefatigable nautical training college, iv. 310  
 Independence bay, xiv. 698  
 Index charts, Indian Government Surveys, vii. 59  
 Index maps, ordnance survey, vi. 108, 360  
 India [see also Indian]—  
   Ancient, as described by Ktésias, McCrindle, iv. 443 †; by Ptolemy, *id.*, vii. 766 †  
   Archæological survey of, xiii. 238, xiv. 341; Index to the Reports of, Smith, x. 474 †; record of, Burgess, xi. 393 †  
   Armies in, map showing positions of, Schuler, xiv. 733  
   Art manufacture of, Mukharji, xi. 631 †  
   Atlas of, Trelawney Saunders, xi. 523; *id.*, statistical, ix. 729; by Survey Department, v. 502  
   British, area of forests in, vii. 668  
   Carriage, etc., by canal and rail, cost of, viii. 696, 697  
   Caste in, Wilson, ix. 62 †  
   Census of, 1891, xiv. 369; provisional totals of, xiii. 611  
   Central Provinces of, Report on, Mackenzie, xiii. 303 †; population of, xiii. 612  
   Climate of, Guide to, Blanford, xi. 509 †; influence of forests on, *id.*, ix. 191  
   Commerce of, x. 656, *et seq.*  
   Cyclopædia of, Balfour, viii. 209 †  
   Dawn of British Trade to, Stevens and Birdwood, ix. 180 †  
   Deserts of, compared with those of America and Africa, Walther, xiv. 180  
   Diamond mines, ancient, in, Ball's identification of, iv. 98, 640  
   Epigraphia Indica, edit. Burgess, xi. 393 †  
   Europeans in, xi. 418

**India—continued—**

- Expeditions against the Lushais and Chins, xi. 682; against the N. W. Frontier Tribes, Record of, Paget, x. 787 †; frontier, proposed, xiii. 684
- Explorations in Mackenzie, xiii. 387; summary of, iii. 388, xi. 410, 411, xiv. 369
- Frontier of, authorities for geography of, i. 61; Afghan, passes on, Markham, i. 38\*; Northern, early explorers of, i. 60-62; North-West, ii. 696; Scientific, Andrew, ii. 389 †
- Gazetteer, Imperial, of, Hunter †, iii. 440, 574, x. 48; of Territories under the Viceroy, viii. 535 †
- Geographical education in, Odgers on, ix. 687
- Geography of, Blanford, xii. 702 †; Duncan, ii. 521 †; Longman's (for schools) xiv. 502 †; Physical, ix. 158; Student's, Smith, v. 111 †; Progress of knowledge of, viii. 427; since 1830, iii. 612
- Geological Survey of, Memoirs of †, vii. 765, viii. 275, ix. 259, xiv. 196
- Geology of, Manual of †, Medlicott and Blanford, i. 809; part iii., economic, Ball, iv. 246; part iv., mineralogy, Mallett, x. 251
- Handbook for, Murray's, xiv. 60 †
- Highlands of, Newall †, iv. 576, ix. 713
- Hints to Travellers in, by an Anglo-Indian, xi. 459 †
- History (Short) of, Wheeler, ii. 269 †
- Illustrated, Schlagintweit, ii. 140 †
- Imperial, Prinsep, i. 344 †
- In 1880, Temple, iii. 115 †
- Index Geographicus Indicus, Baness, iii. 236 †
- Isobars for July in, xiii. 152
- Its present State and its Future, Bartlemy St. Hilaire, ix. 587 †
- Journey from China to, Peal, iii. 492
- Journey through, Renleaux, vii. 54 †
- Jungle life in, Ball, ii. 69 †
- Ludhiana and Simla Districts, Gazetteers of, 1888, 1889, x. 669 †
- Maps of—Devendra Nath Dhar (Hindi) xi. 703; Johnston, vii. 840; Rand McNally & Co., xiv. 733; Projection of, graticule plates for, v. 502
- Meteorological Department of, report on the administration of, viii. 342
- Meteorology of, Report on, Blanford †, viii. 671, x. 48; Memoirs on, *id.* †, viii. 671, x. 474
- Moral and Material Progress of, Statement on, with Maps, viii. 134 †
- Mountain Systems of Northern, Godwin-Austen, v. 610\*, vi. 83\*
- Native work in, vi. 592
- North-West Provinces of, Descriptive, etc., Account of, Conybeare †, vi. 300, 354, 483, 684; destruction of forests in, Greig on, i. 516; Himalayan districts of, Atkinson †, vi. 300, 683;

**India—continued—**

- Report on, 1889, xiii. 303 †; Statistical Account of, Atkinson, iv. 388 †
- Office, Catalogue of the Library, x. 804 †; Records of, Report on, Danvers, ix. 462 †
- Pendulum observations in, vii. 686, 688
- Picturesque, Caine, xiii. 53 †
- Progress and Condition, Moral and Material, Statements on the, with maps †, viii. 134, xi. 749, xii. 703
- Railway Connection with Siam and China, Survey for, Hallett, viii. 1\*; necessity of, x. 737
- Routes to Candahar from, Biddulph, ii. 212\*; to China, Lepper, iv. 623
- Sketches of a Journey in, Véreschaguine, iv. 773 †, viii. 344
- Sojourn in, Sarbadhicary, xiii. 239 †
- Southern, Archaeological Survey of, x. 48 †; Journey to the Auriferous Quartz Regions of, Anderson, ii. 199 †; Life and Sport in, Drury, xii. 637 †; Missions in, Mullens, ix. 6 †; Physiography of, Branfill, vii. 719\*; River Systems of, Rundall, viii. 681\*; Tour in, Aynsley, v. 368 †
- Survey of, Account of the Operations of, Walker, *etc.* †, i. 811, ii. 521, iii. 442, v. 748, ix. 518, xi. 54, xiii. 303, xiv. 425; difficulties of, vii. 680, 681; Explorations by A—K, vii. 65\*; in Western Tibet, i. 444; frontier surveys, Holdich on, iv. 691; graphical operations of, vii. 691; maps, i. 156, 223, 412, 541, 613, 748, ii. 75, 330, 526, iii. 118, 252, 383, 444, 511, 699, iv. 185, 450, 579, 708, v. 116, 247, 502, 684, vi. 108, 303, 757, vii. 58, 350, 623, 836, viii. 214, 607, 807, ix. 138, 266, 527, x. 57, 401, 674, 746, xi. 194, 400, 577, 757, xii. 309, 368, 507, 644, xiii. 132, 445, 572, 744, xiv. 200, 508, 813, 880; Memoir on, Black, xiii. 737 †; native explorers of, vii. 79, 80, 86; programme for 1887, ix. 116; progress of, xiv. 705; reports on, ii. 420, iii. 399, iv. 340, v. 333, 384, viii. 427, ix. 574, x. 650, xii. 385, xiii. 401, xiv. 331; *id.*, Walker, *etc.* †, i. 478, iii. 693, v. 368, vi. 749, xi. 567; Abstracts from the same †, i. 344, ii. 70; Sketch of, James, i. 730 †; spirit-levelled heights by the, ix. 459, xi. 55; summary of work, vii. 677, x. 421; Synopsis of the Results of the, Walker, *etc.* †, iii. 319, vi. 170, 607, x. 176, xiv. 425; Systems of, Applicability to Africa, Holdich, xiii. 596\*; topographical viii. 720; trans-frontier surveys, viii. 427; trigonometrical, vi. 593, vii. 684; Walker on the Work of the, vii. 675\*
- Tea-producing districts in, map of, Linde, ii. 333
- Tidal observations in, Baird, i. 455

**India—continued—**

- Tours in, Connemara †, xi. 631, xii. 244; In the Panjab and Rajputana, Garriek, x. 473 †  
 Trade-route, new, between Persia and, xiv. 123  
 Travels in, Schlagintweit-Sakunlanski, i. 810 †; Tavernier's, transl. Ball, xii. 46 †  
 Voyage to, Brassey (in the *Sunbeam*), xi. 190 †; Tissandier, xiv. 877 †  
 Work on, Strachey, xi. 56 †  
 Yule's work in, xii. 109-112

**Indian—**

- Archipelago. See Malay.  
 Coasts, lighthouses and lightships on, Carrington, i. 274  
 Elephants for use in Africa, i. 705  
 Exhibits at the Venice Geographical Congress, iii. 753  
 Forest school and survey, Bailey on, vii. 748, 749  
 Marine surveys, v. 599, xiii. 610, xiv. 379; Charts, i. 751, ii. 80, 207, 335, 719, iii. 125, 446, 703, iv. 191, 328; Markham on, i. 736; new steamer for, i. 128; of Nicobar islands, viii. 719; progress of, 1881, iii. 389; report on, i. 128, 355, ii. 632, iii. 589, v. 600, vii. 45, viii. 435, x. 32, xi. 681, xii. 390, xiii. 228, xiv. 856  
 Meteorological Memoirs, Blanford †, viii. 671, x. 474  
 Olio, Burton, xi. 54 †  
 Schools, atlas for, Stanford, i. 615  
 Indian ocean, an atlas showing physical features and trade-routes of, xiii. 747; cyclone tracks in, map of, Meldrum, xiii. 644; development of coast lines of, xiv. 655; meteorological charts of, xiii. 747; surveys in, v. 596; xiii. 398  
 Indians of Bolivia, xii. 673; of Labrador, x. 190, 201; of Vera Cruz, Aboriginal, Baker, ix. 568\*; rock inscriptions by, in U. S., Hoffmann on, viii. 398  
 India-rubber, etc., Company, soundings taken by, ix. 653 †; production of the Amazons, viii. 516; variety of, grown in the Amaru-mayu and Beni basins, v. 346  
 Indies, East, atlas of Dutch possessions in, viii. 415; explorations in, intended, x. 246; Ten Kate, xiv. 469; general map of, Lerne, i. 816; Languages of, Sketch of, Cust, i. 76 †  
 Indies, the Natural and Moral History of, Acosta, edit. Markham, ii. 459, 709; the Normans and the Route to, Gravier, ii. 713 †  
 Indin, Upper Burma, xi. 212  
**Indo-China—**  
 Colonization of, Chailley-Bert, xiv. 868 †  
 Eastern, map of, De Rhins, iii. 443  
 Expeditions in, iv. 235; French, iv. 239; Neis, vi. 350  
 French, Lanceson, xi. 512 †; French work in, iv. 644

**Indo-China—continued—**

- Inscriptions from, Harmand's collection of, ii. 267  
 Map of, Deloncle, xiii. 61  
 Miscellaneous Papers Relating to, xi. 393 †  
 Missions in, map of, G. C. L., i. 613  
 Notes on, Tremlett, ii. 569  
 Rivers, mountains, and climate of, viii. 2, 3  
 Société Indo-chinoise de France, Bulletin of, de Croizier, viii. 671 †  
 South-west, Pavie's itineraries in (map), vii. 493  
 Souvenirs of, Lefebvre, viii. 671 †  
 Yule on, ix. 702  
 Indo-European races, earliest, Hildebrand on, vi. 164  
 Indo-Mediterranean railway routes, proposed, Blunt on, i. 685  
 Indonesian (Malay Archipelago), Bastian, vi. 424 †  
 Indong village, ix. 21, 22  
 Indravati river, India, Holdich on, i. 372\*  
 Indus river, iv. 616, v. 611, 615, 618, 620, vii. 705, et seq.; xiii. 406, 407, 416; Highway from, to Candahar, Temple, ii. 529\*; route to Gilgit *via* the, xiv. 705; to the plains of Pishin, from the, ii. 241  
 Indyangdug and Ingalulu channels, Sabi delta, v. 273  
 Inanish, Cape Breton, Portuguese settlement at, vii. 36  
 Ingany tribe, vi. 249  
 Inglefield, Captain, Arctic voyage of, viii. 157  
 Ingogo position; sketch map of the, Boyle, iii. 768  
 Ingol, lake, Medico-Topographical and Chemical Researches on, Zalesky, xiv. 260 †  
 Ingoye, forests of, Zululand, xiii. 433, 434  
 Ingram, W. H., obituary of, x. 423  
 Ingur river, Suanetia, x. 327  
 Inhambane to the Limpopo river, E. H. Richards' journey from, vii. 381  
 Inhangu village, viii. 507  
 Inini river, French Guiana, xi. 110  
 Inimba men, West Africa, ceremonies of the, v. 572  
 Inn valley, Investigations as to the Snow-Limit in the District of, Maurilaun, x. 395 †  
 Inuit race, the, iii. 563  
 Ino Tadayoshi on the variation of the compass, ix. 90  
 Insabang, Gold Coast, v. 38  
 Inskip, Rev. R. M., obituary of, xiii. 232  
 Instruction in Practical Astronomy, Navigation, etc., Markham on, iv. 296\*  
 Instruments, grants of, to travellers, 1882, iv. 429  
 Insuim, Gold Coast, v. 38  
 Insulinde, A. Naturalist's Wife in the Eastern Archipelago, Forbes, ix. 778 †

- International:—Association, *see* African; *Colonial Review*, new journal, vii. 543; Geodetic Association, Reports of the, x. 807†; Geological Congress, fourth, x. 40; Polar Observations (Austrian, German and Russian)†, ix. 263, 522
- Interoceanic canal. *See* Panama and Nicaragua.
- Investigator*, H.M.S., Indian marine surveys, x. 32, xiii. 228, 610
- Inwards, R., the Temple of the Andes, vi. 609†
- Inyack island, Delagosa Bay, ix. 500
- Inyamwanga country, ii. 210, 401
- Inyati, Matabeleland, position of, x. 296
- Inyatsutsu, E. Africa, xii. 146, 147
- Inyazui river, E. Africa, xii. 147, 148
- Inyota, mount, E. Africa, xii. 147, 149
- Ipaivaitani's temple or dubu, ix. 78, 79
- Iporin town, W. Africa, iii. 83
- Ipuji river, Peru, xiv. 388
- Ipurina Indians, Brazil, xii. 241
- Irak Kotul, pass, i. 192, 247
- Iran, Karte von, vii. 493
- Irati mountain, E. Africa, iv. 85
- Irawadi river**, iv. 616, v. 160, vii. 88, 292\*, (and delta), viii. 483, 484
- Area of its basin, iv. 319
  - Branches of, ix. 365, 369
  - Discharge of, 1869–1879, vii. 298; compared with the Mississippi's, vii. 297
  - Journey from, to the Yang-tze, Soltan, iii. 493
  - Origin of name of, iv. 762
  - Rainfall, at its sources, ix. 37, 38
  - Report on the, Gordon, ii. 390, 521†
  - Route to China *via* the, viii. 1, 4
  - Sources of the, iv. 623, vii. 82, x. 577, 578; Gordon on, iv. 559, vii. 292\*; Hallett on, iv. 317; Sandeman on, iv. 257\*; Walker on, ix. 352\*
  - Upper, expeditions to, Barwick, xii. 555; Hobday, xiii. 362; Needham (from Assam), x. 95; Woodthorpe (*id.*), Macgregor on, ix. 19\*; survey of, by the Pundit Alaga, iii. 400, 694, 695, iv. 360, 560; map of his route, iii. 640
- Ireland, atlas (pocket) of, Bartholomew, ix. 658; of the counties of, *id.*, iii. 704; Guide to, Ward (Thorough Guide Series), xi. 53†; map of, tourists', Bartholomew, viii. 478; pocket, Rand, McNally & Co., xiv. 732
- Irendeni hill, E. Africa, vii. 663
- Ireng river, British Guiana, vii. 526
- Iriananana district, Madagascar, iv. 526
- Iribe, M., surveys in Madagascar, x. 649
- Iribee, Western Akim, v. 38
- Irkutsk, section of the Russian Geographical Society at, v. 405
- Irmingier, Admiral, on reported subsidence of one of the Færo islands, vii. 824; obituary of, x. 386
- Irmingier current off Iceland, vi. 570, 572
- Irrguell river. *See* Trirguell
- Irving, A., Chemical and Physical Studies of the Metamorphism of Rocks, xi. 636†
- Irving, Lieut. John, reinterment of the remains of, iii. 99
- Isaacs, N., Travels in Eastern Africa, i. 204†
- Isaacson, F. J. W., photographs of the West Indies and Venezuela, xiii. 644
- Isaksen, Capt., on the probable position of Mr. Leigh Smith, iv. 42; result of journey to Nova Zembla, v. 97
- Isangila falls and station, Congo river, iii. 358, 554, v. 287, 573, 698, 699, vi. 186, 187, 624
- Ishjorn*, Arctic voyage of the, ii. 17, iv. 38
- Ischalup, or Band-i-Satena mountain, vii. 564
- Ischia island, topographical map of, v. 683
- Ischl and Hallstadt, map of neighbourhood of, viii. 805
- Iseyin and Ishaga, West Africa, xiii. 585
- Ishekli, latitude of, x. 162
- Iskander river and lake, viii. 35
- Iskardo, v. 615, 620, 623, 625; the ancient Bolor or Bilaur, iii. 312
- Island Life, Wallace†, ii. 713, xiv. 347
- Island Study, Harm, v. 567†
- Ismael Bey, Caucasus, xiv. 174
- Ismailiyeh, rise of land at, vi. 647
- Isobars of the globe in July and January, xiii. 150, 151
- Isochronic passage-charts, construction of, Galton, iii. 657
- Isonzo River, and its relation to the Nations, Gumprecht, ix. 711†
- Isothermal maps, Supan, vii. 411
- Ispahan, Across Luristan to, Lynch, xii. 533\*; alleged discovery of salt lake near, vii. 816; and Shuster, practicability of a line between, v. 125, 126; Wells' journey between, v. 144; trade route between, xii. 523
- Ispinkai valley, ii. 232
- Issarles lake, France, xiv. 556
- Issel, A., Il Terremoto del 1887, in Liguria, xi. 52†; Istruzioni Scientifiche per Viaggiatori, iii. 380†
- Isosoto tribe, W. Africa, xii. 606
- Issus, plain of, Asia Minor, vi. 320
- Issyk-kul lake, Russian Turkestan, iii. 161, vi. 585, x. 640, xiv. 784; photographs to illustrate the Seismographic phenomena in the district of, Mushketoff, xi. 404
- Istakhri, v. 715 and note.
- Istalf, Hindu Kush, i. 118
- Itabira, Serra do, Brazil, xii. 43
- Italian**—
- Antarctic expedition, iii. 659, iv. 547
  - Cartographers, early, xiii. 621, 623
  - Colonies on the Red Sea and Somali Coast, xi. 608
  - Deep-sea explorations in the Mediterranean, v. 489
  - Emigration, Brunialti on, iv. 179; in 1883, map of, vii. 198
  - Exhibits at the Venice Geographical Congress, iii. 750
  - Expeditions into Abyssinia, iv. 547; in Africa, ii. 317, 507, 564, 691, 764, xiv.

**Italian—continued—**

- 372; to Mount Demavend, v. 169, 170; to the Juba river, xiii. 176; in New Guinea, Giglioli on, i. 732; to Shoa, etc., i. 666; Somaliland, etc., map of, xiii. 641
- Geographical Congress of 1892, xiv. 785
- Geographical Society, i. 221, iv. 234, vi. 52
- Government surveys, progress of, i. 724
- Maps of the Middle Ages, Kretschmer on, xiii. 563
- Possessions on the Red Sea, vii. 112, 113; in Africa, xii. 665
- Travellers, Scientific Instruction for, Issel, iii. 380 †
- Italy—**
- Agricultural Condition of, Beauclerk, xi. 313 †
- Annual of the Cartographical Institute of, xi. 575 †
- Atlante della Marina Militare Italiana, vii. 416
- Biographical and Bibliographical Study of, v. 242 †
- Central, Hypsometrical map of, v. 435
- Climate and Geography of, Parola, iii. 502 †
- Fair Italy, Devereux, vi. 424
- Geological map of, Loescher, iv. 328
- Handbooks for Travellers †, Baedeker, v. 367, viii. 402, 538, ix. 315; Murray, viii. 212, xii. 180, xiv. 59
- In Sixty Days, Gsell-Fels, iv. 573 †
- Land and People of, Nissen, vi. 169 †
- Maps of—i. 746; Campiglio, vi. 107; Cerri, vi. 486, ix. 463, x. 321; Istituto Geogr. Militare, v. 51, 500, vi. 303, vii. 637, viii. 213, ix. 265, x. 184, 745, xii. 440, xiii. 60, 444, xiv. 348; Kiepert (physical and political wall), v. 440; road and postal, v. 627; Roggero, xii. 506; school, v. 752; Wührer, vi. 237
- North, Lérin, xi. 115 †; map of, Michel, vi. 486
- Provinces of, handbooks to, Corti †, xi. 459, xiii. 183, xiv. 566, 865
- Southern, and Sicily, Cities of, Hare, v. 367 †; map of, Kiepert, iv. 328
- Upper, with parts of France and Austria, tourist map of, x. 481
- West Coast of, guide for, Persano, ii. 521
- Itapetininga river, map showing exploration of, Sampaio, xii. 253
- Itapucuri river, viii. 361
- Itasca lake, viii. 652, ix. 119
- Itasy lake, Madagascar, xiv. 744; geological formation of region of, xiii. 158
- Itatiaia-assu peak, Brazil, viii. 357, x. 61
- Itenez river, Bolivia, iii. 407, 408, v. 313
- Itimbiri, or Loika river, ix. 288, 291
- Itsi cataracts, West Africa, v. 701
- Itaitondroy, routes from, iv. 53 †
- Itule, E. Africa, reported coal beds at, iv. 70
- Itumba hills, E. Africa, vii. 453, 454
- Ituri river, Central Africa, xi. 269, xiv. 544

- Ituxy river, Colonel Labre's proposed road east of the, xi. 501
- Itzae tribe, viii. 590
- Iürükes, tribe of Asia Minor, x. 104
- Ivanitzky, M., natural history researches in the Pechora region, v. 391
- Ivanof, M., exploration in the Pamirs, vi. 185, vii. 339; work in the Ural mts., xi. 311
- Ivanoff, Colonel, exploration in Sikhotalin, xiv. 858
- Ivat island, purchase of, vii. 105
- Ivátovány mt., Madagascar, iv. 524
- Ivens, R. See Capello.
- Ivohitréro, valley of, Madagascar, iv. 526
- Ivon river, Bolivia, v. 332
- Iwo, West Africa, xiii. 585
- Ixtacchuatl peak, xi. 385; height of, xii. 754
- Izalco, volcano of, Central America, v. 670
- Izerman, M., journey across Sumatra, xiii. 611

## J

- Jaboos rivers, Nile basin, iv. 230
- Jabuna river, xiii. 280
- Jacaré village, limestone formations near, viii. 361
- Ja-chu river, Tibet, vii. 73, 74
- Jack, R. L., geographical map of Queensland, ix. 593; Report on the Argentine Silver Mines, Queensland, ix. 589 †; the Mineral Wealth of Queensland, xi. 190 †; visit to Stanthorpe tin mining district, v. 101
- Jackson and Gedge's Journey to Uganda, xiii. 193, 391 \*
- Jackson Creek, Little Andaman, x. 571
- Jackson, Capt., map of Sierra Leone in 1884, vi. 614; surveys in the Southern Shan States, x. 452; in Burma, xi. 411, 567, xiii. 401
- Jackson, E. P., the Earth in Space, x. 255 †
- Jackson, J., collection of portraits of travellers, viii. 271; Liste de Bibliographies Géographiques Spéciales, xiii. 638 †; photographs of France, xiii. 700, xiv. 664, 816; of Menton, etc., xii. 648; report on Paris Geographical Society's Library, vi. 231, viii. 532; Socotora, Notes Bibliographiques, xiv. 872 †
- Jackson, T. G., Dalmatia, the Quarnero and Istria, etc., ix. 648 †
- Jacobs, Dr. J., Eenigen Tijd onder de Baliërs, vi. 751 †; on the Badouys of Java, xiii. 561
- Jacobsen, Captain, Reise an der Nordwest-Küste Amerikas, 1881-83, x. 178 †
- Jaccoliot, L., Voyages aux Rives du Niger, etc., i. 150 †
- Jacoltet, E., journey of, vii. 194
- Jacquier, M., construction of Senegal-Niger railway entrusted to, v. 37
- Jacquot, M., Carte Géologique de la France (in part), iii. 116



Jaddeh-i-Atabeg, Persia, xii. 541  
 Jadh Ganga river, i. 451  
 Jadh tribe, i. 452  
 Jadrinsef. *See* Yadrinsef.  
 Jaffa and Jerusalem railway, xiv. 801  
 Jagdallak dofile, i. 42 *note*.  
 Jaime, Lieut., De Koulikoro à Tombouctou, xiv. 872 †  
 Jaizun, Persia, v. 158  
 Jaji tribe, Afghanistan, i. 49, 640, 645  
 Jakobshavn Fiord, Hammer's study of ice in, iv. 235; xi. 41  
 Jakoby, A. J., the Kanin Tundra, xiv. 501  
 Jakry or Warro language, W. Africa, xii. 605, 606  
 Jakutsk, Siberia. *See* Yakutsk.  
 Jalalabad region, Simpson, i. 727; valley, i. 43; routes from, to Kabul, ii. 125  
 Jalgu river, i. 199  
 Jām river, tributary of the Hari-rud, v. 10  
**Jamaica**—  
 At the Royal Jubilee Exhibition, Liverpool, 1887, Eves, ix. 650 †  
 Blue Mountain peak in, Hall on the height of, ix. 579  
 Economic plants, introduced into, xi. 562  
 Exhibits at the Colonial and Indian Exhibition, viii. 674  
 Handbook of, by A. Sinclair and L. R. Fyfe †, vii. 768, ix. 59, 717  
 Map of, Official, xi. 758  
 Photographs of, Johnston, xiv. 204  
 Population of, xiii. 488  
 Surveys of coasts of, ii. 420  
 Untrodden, by H. T. Thomas, xiii. 570 †  
 Jamamadi tribe, Brazil, xii. 241  
 Jambi, Sultanate of, Sumatra, i. 762, 764  
 James, A. J., work in Upper Burma, xii. 386  
 James, Captain, voyage to Hudson's bay, x. 553  
 James, F. L., the Wild Tribes of the Soudan †, vi. 54, vii. 54; Journey through the Somali Country, vii. 120, 380, 425, 625\*; the Unknown Horn of Africa †, xi. 120; xiii. 568; obituary of, xii. 425  
 James, G. P., expedition from Chanchamayo in Peru to the Atlantic, ix. 505\*  
 James, H. E. M., Journey in Manchuria, viii. 779, ix. 235, 531\*, x. 485; the Long White Mountain, x. 251 †  
 James, J. O. N., imperial survey of India, i. 730  
 James, W. D., photographs of the ruins of Uxmal, Yucatan, xii. 128  
 James bay, Hudson's bay, iii. 578  
 James range, Central Australia, xiii. 350  
 Jameson, Dr., journey through Gazaland, xiii. 362  
 Jameson, J. S., death of, x. 646; Story of the Rear Column, Stanley's Expedition, edited by Mrs. Jameson, xiii. 124 †  
 Jametel, M., on routes from Dzungaria into Tibet, ii. 312  
 Jamshidi tribe, Afghanistan, vii. 562, 565, 566, viii. 148

Janart river, Central Asia, xii. 87  
 Janeiro, Rio de, bay of, viii. 356; geographical society of, vii. 342; mean temperature of, viii. 363  
 Janga peak, height of, xii. 284  
 Janghe tribe, vi. 249  
 Jang-tung plain, Tibet, vii. 69  
 Jankó, Dr., Das Delta des Nil, xiii. 184 †; Kalotaszeg Magyar Népe, xiv. 506 †  
 Jan Mayen, Austrian meteorological expedition to, iv. 234, 292, 570, 607, 689, v. 378; Results of, Wohlgemuth, etc. †, viii. 537, 673, 750, ix. 263; Ribot's explorations in, xiv. 703  
 Jannasch, Dr., on German enterprise in East Africa, xii. 242  
 Jansen, Commodore, Dutch Arctic voyages. 1880, ii. 689, 690; *id.*, 1878-1881, and probable position of Mr. Leigh Smith, iv. 35\*  
 Janson, Rev. C. A., journey to Lake Nyasa, iv. 481  
 Janssen, Lieut., death of, v. 605  
 Janssen, M., ascent of the Lomami, xii. 288  
 Janssen, M., journey in Kansu, iii. 491  
 Jansz, M., visit to New Guinea, vi. 198  
 Janti tribe, E. Africa, vi. 264  
 Janvier, T. A., the Mexican Guide, viii. 536 †  
**Japan**—  
 Ainu of, Batchelor, xiv. 568 †  
 And the Pacific, etc., Inagaki, xii. 436 †  
 Atlas of, Hassenstein, viii. 136, ix. 530  
 Commercial geography of, Rathgen-en, xiv. 238  
 Construction and origin of, Naumann, viii. 128 †  
 Contributions to our knowledge of, Heine, ii. 324 †  
 Dictionary of the Principal Roads, etc., Whitney, xi. 393 †  
 Earthquake in, photographs of the, xiv. 352  
 Excursions in, Guimet, iii. 59 †  
 Fugaku Hiyaku-Kei; or a Hundred Views of Fuji, Hokusai, transl. Dickens, iii. 59 †  
 General Economy of, Liebscher, iv. 443 †  
 Geography in, vii. 820; progress of, Metchnikof on, iii. 759; since 1880, iii. 615  
 Gleanings from, Dickson, xi. 393 †  
 Guide Book to, Handy, xii. 570 †  
 Handbook for travellers in, Murray, xiii. 738 †; Satow and Hawes †, iii. 441, vi. 355  
 Heat and Rainfall in, distribution of, Hann, x. 709; map, x. 746  
 Highways and Byways in, Crow, v. 241 †  
 History, Traditions, etc., of, Reed, ii. 781 †  
 Imperial University, Journal of the College of Science, ix. 524 †  
 Industries of, etc., Rein, xi. 187 †  
 Internal Communication in, i. 209, iv. 167; improvement of, ii. 189.



## Japan—continued—

- Jinrikisha Days in, Seidmore, xiv. 570 †  
 Journeys and Studies in, Rein, ix. 130 †  
 Language, Mythology, etc., of, Chamberlain, ix. 316 †  
 Mountain system of, ix. 91  
 North, Colonisation in, Quin on, x. 710  
 Photographs of, Shopperson, xiii. 512  
 Seismological Society of, observations on earthquakes, vii. 384; transactions of, x. 320  
 Surveys of, xiii. 363; of coasts, Admiralty, ii. 479, iv. 554, v. 597  
 The Real Japan, Studies of Manners, etc., Norman, xiv. 131 †  
 To, through Siberia, Joest, iv. 771 †  
 Tourist in the Far East, Cotteau, vi. 169 †  
 Travels and Researches in, at cost of Prussian Government, Rein, vi. 100 †  
 Unbeaten tracks in †, Bird, ii. 780, vii. 258  
 Visit of the *Vega* to, i. 792, ii. 62  
 Volcanoes of, Milne, viii. 671 †  
 Voyage to, Notes on the Duke of Genoa's, vii. 404 †  
 Western, climate of, Enslic on, ii. 251  
 Work on, Rein, iii. 60 †  
 Japanese colonization in Yesso, i. 275; exhibits at the Venice Geographical Congress, iii. 751; Homes and their Surroundings, Morse, ix. 459 †; islands, geographical and geological sketch of, Naumann, ix. 587 †; language, ix. 101  
 Japheth, descendants of, in Asia Minor, vi. 325  
 Japvo, Naga hills, v. 617, 620  
 Jarahi river, Southern Persia, v. 159  
 Jārawas, natives of Andaman Islands, x. 569  
 Jardine, F. and A., presentation of Murchison Grant to, viii. 468  
 Jarintsof, M., on the cliff-formations along the coast of the Black Sea, ix. 431  
 Jarvis, E. W., journey in N.W. Canada, ii. 576  
 Jary river, Gambia, i. 131  
 Jatash-dere valley, Caucasus, xiii. 324  
 Jauja, Peru, xiv. 390  
 Java—  
 Eruption of Krakatau, map illustrating, vi. 174  
 Journey to the volcanoes of, Cotteau, viii. 534 †  
 Maps of—Dornseifen, xii. 507; Swart, ix. 728  
 Population and trade of, x. 453  
 Railways, roads, etc., map of, vii. 775  
 Researches in, Charnay, i. 274, ii. 67; Forbes, v. 657  
 Triangulation of, xiv. 576 †  
 West, south coast of, Guppy, xi. 696  
 Javary river, Upper Amazona, expedition to the, xii. 99  
 Javorsky, Dr. J. L., work on Afghanistan, iv. 755; Russian Mission in Afghanistan, etc., v. 302 †

- Jaxartes river, and Oxus, former course of the, 161, *et seq.*; lower, irrigation works on the, iii. 100  
 Jeannaire, M., French Protestant missionary on the Zambesi, vii. 540, 610  
 Jeannest, Charles, Four Years on the Congo, v. 567 †  
 Jeannette Arctic expedition—iii. 373, 388, 483; search for the, iii. 658, 733, 734, 747; Measures for the same, Markham on, iv. 28 \*, Hovgaard on, iv. 50, reply from Colonial Office on, iv. 96; news of, iv. 43; survivors of, iv. 90, 280, 607, v. 225, 379; their rescue, iv. 159; fate of the expedition, iv. 332, 375; finding of De Long's party, iv. 422; map of the discoveries of, iv. 520; Melville's Report on, v. 241 †; the Voyage of the, v. 747 †; Inquiry at Washington on the loss of, vii. 696 †  
 Jeannette island, Arctic Sea, iv. 376  
 Jean's river, North America, v. 647  
 Jebb, Prof., remarks at the dinner to Mr. Stanley, xii. 497  
 Jebel Bani range, vii. 548  
 Jebel Dukhan, Bahrein islands, xii. 1, 8  
 Jebel Hadid, Iron mountains, Morocco, xi. 4  
 Jebel Hissar, Cilicia Tracheia, xii. 458  
 Jebel Jurjura, as seen from Algiers, Freshfield on the, xiii. 111  
 Jebel Krima, Algeria, iv. 365  
 Jebel Shammur, Visit to, Blunt, ii. 81 \*  
 Jebel Teir, volcanic island of, v. 595  
 Jebel Tezah, xi. 11  
 Jebel Zeit, petroleum deposits at, viii. 502  
 Jeddah and Hodeidah, vii. 459  
 Jedina, L. von, Um Afrika, i. 150 †  
 Jego stream, iron ore in the, xii. 230  
 Jehan-bin mountain, Persia, v. 145 note  
 Jekri tribe, West Africa, x. 762  
 Jelaledin, Shah, vi. 502, 503 and note  
 Jemsa, peninsula of, petroleum deposits at, viii. 503  
 Jena, new geographical society at, iv. 114  
 Jenner, G., on immigration into the Argentine Republic, xi. 377  
 Jennings, S., Visit to the Goldfields in the South-East Wynaad, iv. 118 †  
 Jenolan Caves, the, Foster, xii. 641 †; Cook, xi. 635 †  
 Jensen, Lieut., explorations in Greenland, i. 331, vi. 344, vii. 245; Om Inlandisen i Grönland, xi. 319 †  
 Jephson, A. J. M., Emin Pasha and the Rebellion at the Equator, xiii. 54 †  
 Jeppe, Fr., physical and geological features of the Transvaal, i. 204; Transvaal Book Almanac and Directory †, ii. 140, iii. 190, xi. 460; the Knap Goldfields of the Transvaal, x. 438; map of the Transvaal, xi. 466; die neue Grenze zwischen der Südafrikanischen Republik und den Portugiesischen Besitzungen (map), xiv. 510; note on the same, xiv. 633; Die Feststellung der Grenze zwischen der Südafrikanischen Republik, etc., xiv. 872 †

Jerba, island of, Consul Playfair's visit to the, viii. 396  
 Jerningham peak, Cockscomb range, xi. 550  
 Jerusalem, map of, Warren, vi. 547; Sauley's work on, iv. 120†; Two Journeys to, viii. 604†; Voyage to the Holy City of, in 1460, Schefer, iv. 772†  
 Jarvis, G., *I Tessori Sotterranei dell' Italia*, xiv. 59†  
 Jesuit missionaries' expedition to Umzila's country, iv. 228  
 Jesus, island of, identification of the, x. 351 *note*  
 Jeundo tribe, W. Africa, xi. 565; station, route from, to the Sannaga, xii. 288  
 Jeypore plateau, i. 373  
 Jex-Blake, Rev. Dr., on geographical education, viii. 200  
 Jhelum river, Kashmir, v. 611, 616, 624, vii. 708  
 Jhering, Dr. K. V., voyage up the river Camacuam, South Brazil, ix. 686  
 Jhur range, ii. 220  
 Jidda. *See* Jedda.  
 Jiddāma, Egypt, ix. 681  
 Jihan Pass, Asia Minor, xiv. 58  
 Jihān or Pyramus river, Anatolia, vi. 317, 322  
 Jili-kul village, viii. 38, 39  
 Jilledy. *See* Geledi.  
 Jimenoa, Rio, San Domingo, x. 240  
 Jimseh peninsula, Egypt, ix. 677  
 Jinchuen, anchorage of, Corea, v. 597  
 Jingshi Khan, invasion of Central Asia by, ix. 230  
 Jinghiz-tau mts., Turkestan, iii. 154  
 Jing-ri mountains, ix. 228  
 Jinman, Capt. G., shoal discovered by (map), v. 752  
 Jipe, Lake, E. Africa, iv. 741  
 Jivselén, M. G., map of Russia in Asia, i. 157  
 Joanne, P., series of guides†, vi. 482, x. 735, xi. 390, xiii. 635, xiv. 865  
 Joannet island, Louistades, xi. 532  
 Joest, W., *Ans Japan nach Deutschland durch Sibirien*, iv. 771†; *Um Africa*, vii. 555†; *Tätowiren, Narbenzeichnen und Körperbemalen*, x. 255†; travels in Guiana, xiii. 365  
 Jof, Arabia, ii. 84, 85  
 Jofra Oases, survey of, by Dr. Stecker, i. 341  
 Johannesen, Capt., Arctic voyages of, ii. 16, iv. 607, v. 97, 176, 661; discovery of an island in the Arctic Ocean, x. 382  
 Johns, Mr., remarks on papers on the Gold Coast, iv. 507  
 Johnson, Rev. W. P., exploration between the Rovuma and Lake Nyasa, iii. 421; journeys in the Yao country, and to the source of the Lujende, iv. 47, 480\*, vi. 717; Travels in Africa, v. 32, 382, 691; Travels in the Region East of Lake Nyasa, vi. 512\*  
 Johnson, W. H., obituary of, v. 291

Johnston, A., standard series of illustrations, physiography, vi. 364  
 Johnston, H. H., Visit to Stanley's Stations on the Congo, v. 569\*; the Congo, from its Mouth to Bolobo, v. 692\*, vi. 236†; expedition to Kilimanjaro, vi. 88, 375, 401, 464, 476, 536, 550, 588, 600, vii. 137\*, viii. 128†; return, vii. 123; remarks at evening meetings, vi. 194, vii. 370, xii. 494; appeal for subscriptions for Mr. Forbes, vii. 815; journey up the Cameroons river, viii. 647; up the Cross river, x. 435\*; the Bantu Borderland in W. Africa, x. 633\*; the Niger Delta, x. 749\*; journey north of Nyasa, and visit to Lake Leopold, xii. 225, 226, 377; British Central Africa, xii. 713\*; development of tropical Africa under British auspices, xiii. 54; proposed work in Nyasaland, etc., xiii. 227; arrival on the Shire, xiii. 607; Livingstone and the Exploration of Central Africa, xiii. 635†  
 Johnston, J. C., Did the Phenicians Discover America?, xiv. 874†  
 Johnston, Keith, Jun., expedition in East Africa, i. 63, 128, 203, 329, 527, 530; on the use of elephants in Africa, i. 382; Native Routes from Dar-es-Salaam to Nyasa, i. 417\*; Trip to Usambara, i. 545\*; death of, i. 589, 609; obituary, i. 598; grave of, xii. 615; general map of Africa, i. 157, vi. 758, vii. 265; Physical, Historical, etc., Geography, ii. 326†; Library Cyclopædia of Geography (in part), iii. 63†; London Geographical Series†, viii. 132, xiii. 60  
 Johnston, T. R., atlas, merchant shippers' and ocean travellers', viii. 358; *id.*, uncrowded, of political geography, ix. 658; map of Afghanistan, vii. 350; of South Africa, v. 438; of United Kingdom (parliamentary), viii. 132; "World" series of class lesson maps and diagrams, viii. 416, 544  
 Johnston, W. & A. K., atlases by—England and Wales, county, xi. 640; half-crown, historical, xiii. 511; modern series of cheap, xii. 125; multum in parvo, xi. 128, xii. 56; physical, xiv. 511; royal, vii. 495, xiii. 747, xiv. 68, 140, 432, 511, 583, 664, 884; third to sixth standard, i. 288; threepenny, i. 288; world-wide, xiv. 68. Globes, i. 159; Terrestrial, Handbook to, ii. 394†. Maps by—Afghanistan (war), i. 748; Africa (library), i. 287; Asia, xi. 577; Australia, xiii. 574; British Empire, vi. 176; Burma, xiv. 66; countries of the Bible, i. 158; England and Wales, xi. 464; Manitoba, iv. 454; Middlesex, iii. 116; Palestine, i. 159, v. 628; *id.* (outline test), i. 288; World (commercial), ix. 786; Zululand (war), i. 206, 287  
 Johnston-Lavis, H. J., geological map of Monte Somma and Vesuvius, xiii. 378  
 Johnstone, J. K., the Isle of Atholme, xi. 252†

- Johnstone, Major-Gen., on survey arrangements of the Afghanistan expedition, i. 458
- Johnstrup, Prof., on the lava deposits of Askja, iii. 477
- Johore, Miklukho-Maclay's journey from, to Siam, v. 46
- Joliba river, Duveyrier on the sources of, iii. 52, 53
- Joliet, L., unpublished map of, 1674, Gravier on, ii. 271 †
- Jolly, W., the Realistic Teaching of Geography, ix. 651 †
- Jomard, E., Introduction à l'Atlas des Monuments de la Géographie, i. 409 †
- Jones, Capt. F., obituary of, i. 367 †
- Jones, Gannett, & Porter, Messrs., the West: from the Census of 1880, iv. 325 †
- Jones, J. W., exploration of the Nullabor Plain, South Australia, iii. 229; plan of country N.E. of Eucla, id., iii. 255; on the Musgrave Ranges, Central Australia, iv. 549
- Jones, Lieut. R., on the navigability and trade of the Rio Purús, iii. 739
- Jones-Parry, S. H., Journey Round the World, iii. 63 †
- Jones river, Alaska, viii. 653, ix. 272
- Jouquières, Admiral de, on irregularity of tides in different localities, vii. 387
- Jordan, Across the, Schumacher, viii. 276 †; East of the, Merrill, iv. 182 †; explorations east of the, Mantell, x. 719; Survey of the, Schumacher, x. 107 †
- Jordan, J. B., Section of Sedimentary Strata in the British Islands, i. 746 †; on the relief model of Eastern equatorial Africa, iv. 88, 89
- Jordan, W. L., the *Challenger* Explorations, x. 256 †; the Ocean (Currents and Tides, etc.), viii. 347 †; the Standard of Value, x. 608 †; the Winds, vii. 410 †
- Jordan, W. W., account of the Boer settlement of Humpata, v. 462
- Jordans, Nullah, Victoria Nyanza, vi. 277, 278
- Jorf, Fort, viii. 42
- Jorullo, Mount, Mexico, xi. 384
- Josceline, Lake, Australia, discovery of, Forrest, v. 723
- Joseph, the river of, etc., Whitehouse, x. 733
- Jouet, Le Père V., Missionnaires du Sacré-Cœur dans la Mélanésie, etc., xi. 320 †
- Jourdan, A., carte agricole et industrielle de l'Algérie, i. 157
- Journet, F., L'Australie, vi. 483 †
- Jousse, M., French missionary at Le-suto, v. 299
- Juan Fernandez, Mackenna, vi. 54 †
- Juapa, tributary of Congo, viii. 47
- Juapery, river, M. Rodrigues on, ix. 54
- Jub river, E. Africa, vi. 257, 266, ix. 492; Italian expedition to the, xiii. 176
- Jubilee address to H.M. the Queen from the R. G. S., ix. 438
- Jubilee river, New Guinea, ix. 576, 604, xi. 85, xii. 692
- Jubonu mt., ascent of, vi. 438, 439
- Judd, Prof., on the deposits of the Nile Delta and water, viii. 189; on the Eruption of Krakatoa, x. 805 †
- Judith Basin, map of, trans-continental survey, v. 630
- Jue river, Lower Congo, iii. 558; Thollon's survey of the, xiv. 720
- Jühlke, Dr., journey in E. Africa, ix. 491, 492; Die Erwerbung des Kilima-Nscharo-Gebiets, ix. 715 †
- Jujuy, map of the province of, Brackebusch, v. 630
- Jukes-Browne, A. J., the Building of the British Isles, x. 735 †
- Jukoff, M., on the glacier surveys of the Caucasus, xiv. 112; on the heights of the Caucasus peaks, xiv. 111
- Juliaca, altitude of, xii. 229
- Julianhaab Fjord, temperature in, vi. 575
- Jumbe of Marimba, xii. 723
- Junna river, Punjab, vii. 715
- Jung, K. E., Australien und Neuseeland, i. 479 †; Deutsche Kolonien, viii. 539 †
- Junguli river, Central Africa, xii. 230
- Junin, Pampa of, Peru, xiv. 388, 393
- Junker, Dr., routes of, Hassenstein's map of, ii. 77; *id.*, 1880, sketch of, iii. 512; journeys in the Nyam Nyam country, etc., iii. 244, 301, iv. 227, 560, v. 33, 105, 381, ix. 47, 204, 288, 239, 304, 399\*; *id.*, Wills on, ix. 285\*; safety of, vii. 541; expeditions for the relief of, viii. 329, 330, 395, 648, 649, (Fischer's), vii. 380, ix. 45; reception of, at Berlin, ix. 311, 314; on the peoples between the Welle and Nepoko, x. 390; on Stanley's expedition, x. 391, 588; Reisen in Africa, and English translation †, xii. 638, xiii. 442, xiv. 62, 625; map of route through Bunyoro and Buganda, xiii. 133; obituary of, xiv. 185
- Junker von Langeegg, F. A., Old Cairo, vii. 346 †; El Dorado, xi. 189 †
- Junnar hill fort, W. India, iv. 459, 460
- Juo Falls, Central Africa, vii. 607
- Juparaná, Lagoa, Brazil, x. 62
- Jurassic fishes of Ust Balei, Rogon on, xiii. 181
- Jürgens, Lieut., establishment of Russian meteorological station by, at the mouth of the Lena, iii. 491, iv. 91, v. 232, 390
- Jur Ghattas, ii. 360; latitude of, vi. 251
- Justinian, on the Buildings of, Procopius, transl. Stewart, ix. 323 †
- Jusuf, Bahr, ix. 608, 614. See Joseph.
- Juta's map of South Africa, xi. 738, xiii. 643
- Jutland, topographical atlas of, Danish Staff, i. 745, ii. 656; South, German and Danish languages in, viii. 401
- Juvet & Co., time globe, iii. 704
- Jyê-kundo, Tibet, xi. 732
- Jyelap Lake, Sikkim, iii. 336

## K

- K 2, peak, Himalayas, x. 507, 508; xiv. 756, 857; to be called Godwin-Austen, x. 380, 576
- K—P, or Kintup, explorations in Central Asia, xi. 568
- Kaap Gold-fields, Transvaal, Jeppe on, x. 438\*; history of their discovery, x. 443, 444; map, x. 114; river, x. 439; valley, geological formation of, x. 441, 442
- Kaba river, Sierra Leone, xiv. 437
- Kabadian, Central Asia, viii. 37, 38
- Kabakudaie, New Britain, iii. 92
- Kaban channel, Karun river, xii. 517
- Kabaras district, E. Africa, vi. 706
- Kabardan tribe, Caucasus, x. 696
- Kabati district, New Guinea, Chalmer's journey to the, iii. 226
- Kabeli-Katje springs, i. 175
- Kabinda, West Africa, v. 694, 695, 705; map of, ix. 211
- Kaboora fly, British Guiana, ii. 475
- Kabri Bahr, Somaliland, xiii. 661
- Kabru mountain, vi. 68, 431, 439
- Kabu valley, Burma, iv. 693, xi. 204, 205
- Kabud Chashmeh to Salash, Lieut.-Col. Beresford Lovett's itinerary, v. 69
- Kabul—**
- Basin, geographical construction of the, iii. 68
- Environs of, map of, Garden and Paton, ii. 204; Wyld, ii. 333; views of, xi. 404
- Map of, Stanford and Tr. Saunders, ii. 333
- Panorama of, by Lieut. Smith, ii. 205
- Reconnaissance sketch of, Abbott, ii. 76, 205
- River, authorities for the geography of the, i. 120; Upper Basin of the, Markham, i. 110\*
- Routes between Jalalabad and, ii. 125
- Kabula river, E. Africa, vii. 657
- Kabunda, Central Africa, xii. 738
- Kabylie, the great, etc., map of, ix. 211; photographs of scenery and people of, xi. 128
- Kachin hills and country, xiv. 168, 169; tribes, iv. 261, 263; *id.*, Expeditions among, Walker, xiv. 161\*
- Kacho, Irawadi river, iv. 561
- Kadlangih peak, Persia, v. 66
- Kadranj, sea of, Asia, vi. 656
- Kaffraria, area and population, iii. 3; map of, Schunke, viii. 285; note on, vii. 383
- Kafir tribes, i. 113, 114; iii. 74, 75, 298, 300
- Kafiristan—**
- And the Kafir language, Tanner on, i. 713
- And the Kafirs, Bellew on, ii. 250
- Explorations in, Tanner, i. 513
- Historical geography of, vi. 1, 2
- Notes on the Chugani and Neighbouring Tribes of, Tanner, iii. 278\*
- Section of the Hindu Kush in, i. 113
- Visit to, McNair, vi. 1\*

- Kafir-kala, v. 9
- Kafirnahan river, viii. 37, 38
- Ka Fogo, Sierra Leone, xiv. 443
- Kafukwe River, Selous on his journeys to the, xi. 216\*
- Kagel, Victoria Nyanza, ii. 616
- Kagera river, Victoria Nyanza, vi. 274
- Kagumpaka, king, West Africa, v. 572
- Kahan plain, ii. 222
- Kahka, Turkistan, iv. 493
- Kai, or Kayes, Senegal, v. 37
- Kaia, Upper Burma, xi. 208
- Kaialigumiut, Alaska, iv. 667
- Kaieteur falls, British Guiana, height of, x. 310
- Kaik Kiri hill, Afghanistan, vii. 571
- Kailas peak, Himalayas, i. 445
- Kaimanawa mountains, New Zealand, vii. 205, 210, 216
- Kaimondake volcano, Japan, ix. 100
- Kain district, mountains and industries of the, viii. 140, 141
- Kaipokdagh mountain, viii. 96
- Kairwan, ancient geographical manuscripts at, iv. 177; Rae on, v. 668; to Kairwan the Holy, Boddy, vii. 196†
- Kaisari, latitude of, x. 163, 164
- Kaisariel, Asia Minor, vi. 307
- Kaiser, Dr., at Lake Rikwa, v. 551; expedition in E. Africa, vi. 374; death of, v. 428
- Kaiser Wilhelm Land, expeditions to, Finsch, vii. 542, Hollrung, x. 600; Work on, Hager, ix. 208†
- Kaiser Wilhelm's peak, xii. 339
- Kai-sung town, and ginseng cultivation of, viii. 258
- Kaisor valley, new villages in the, iv. 543
- Kaiun-kui-usi hill, Afghanistan, vii. 571
- Kaj village, Persia, x. 627 note
- Kajmag ridge, Himalayas, v. 616, 624
- Kajur, forest of, charcoal burning at, v. 60, 63
- Kakar river. *See* Lora.
- Kakarama mts., New Zealand, vii. 209, 210
- Kakee river, Southern Persia, v. 712
- Kakhyen race, viii. 491; territory of the, iii. 493. *See also* Singpho.
- Kakibbi river, Central Africa, ix. 440
- Kakongo tribe, Congo, v. 706
- Kala Fatch, vii. 161, 162
- Kalahari desert, S. Africa, v. 696, vi. 20, 27; extent of, i. 711, 712; Journey in, Farini, viii. 437\*; route from Shoshong to the Zambesi, xi. 66; Through the, Farini, viii. 43†; Work on the, Reiter, vii. 555†
- Kala-i-Khumb, Darwaz, iv. 416, viii. 42
- Kala Kaushid Khan, iii. 532
- Kalambo river, Tanganyika, iv. 18
- Kala Nau, valley of, Afghanistan, vii. 562
- Kala Sofarak fort, ix. 103
- Kalateh, village of, Persia, v. 73
- Kalat-i-Ghilzi, i. 197
- Kalde glacier, Caucasus, x. 339 note, xiv. 118

Kalé, town of, viii. 498  
*Kalebleb* shrub, v. 153  
 Kaleb Bahman, ruins of, Persia, xii. 581  
 Kaleb-hizar village, Persia, v. 72  
 Kaleb-i-doktar, ancient shrine, Northern Persia, v. 59  
 Kaleb-i-Tul fort, Northern Persia, v. 150  
 Kaleb-safid hill, Southern Persia, v. 161  
 Kalendur-kush-dagi pass, viii. 41  
 Kaléwa, Upper Burma, xi. 210  
 Kalgan, Mongolia, x. 489  
 Kaliere, Sierra Leone, xiv. 446  
 Kalipat mountain, ii. 534, 535  
 Kalitin, Lieut., journey across the Turkoman desert, iv. 219  
 Kalkoussky, Dr., on volcanic curves in Europe, ii. 138  
 Kalmuk tribe, Kuldja, ii. 496, iii. 343 *note*  
 Kal Mura river, Persia, xii. 593  
 Kalongosi, or Kalongwizi, river, Central Africa, xiv. 38; plain of, vii. 335  
 Kaltbrunner, D., *Manuel du Voyageur*, i. 151 †; *Aide-Mémoire du Voyageur*, iii. 63 †; on the French boundaries in the Lake Liba district, xi. 110  
 Kalweh, Persia, xii. 584  
 Kam tribe of Mongols, vii. 170, ix. 228  
 Kamarin islands, Red Sea, vi. 630; *note* on, vii. 106  
 Kamard valley, Central Asia, i. 254, ix. 105  
 Kamasia rango, vi. 401, 705, 706  
 Kambu and Surkhab rivers, valley of the, iii. 281  
 Kambwe Lagoon, Lake Nyasa, i. 294, 303, iii. 265, 266  
 Kamee tribe, Burma, iv. 323  
 Kamensky, I., death of, v. 389  
 Kamfiruz river and district, xiii. 287, 291  
 Kamish, Central Asia, xii. 82  
 Kamooks and Kameits, dwarf races of Indo-China, viii. 8  
 Kampang Pet, Siam, x. 119, 131, 133  
 Kampen, A. von, maps by—*Aduatua*, i. 540; *descriptions nobilissimorum apud classicos locorum*, i. 159; *orbis terrarum antiquus in scholarum usum*, vii. 272; *Tabulæ maximæ quibus illustratur terræ veterum*, ix. 398 †  
 Kampong Phet. *See* Kampong.  
 Kampti country, Woodthorpe's trip to, Godwin-Austen on, vii. 751; tribe, vii. 314, ix. 22  
 Kamschatka, Cruise of the *Marchesa* to, etc., Guillemard, ix. 284 †  
 Kamunta pass, Caucasus, xiv. 108  
 Kau, Prof. Dr., exploration of the Kara sea, i. 609; *Het Hooger Onderwijs in Aardrijkskunde huite Lande*, xi. 192 †; *De Periplus van Hanno*, xiii. 794 †  
 Kanaku mountains, Guiana, xiv. 667  
 Kan-bulak, Central Asia, xii. 100  
 Kan-chau, Central Asia, xii. 73  
 Kanchinjanga mount, iii. 322, vi. 430; difficulties of ascent of, vi. 68; White and Hoffmann's Expedition to, xiv. 613 \*  
 Kand peak, ii. 223

Kandahar. *See* Candahar.  
 Kandapur, Southern India, vii. 730  
 Kaneh-zenun hill, Southern Persia, v. 162  
 Ka-neng-rai, Koren, gold washings of, vii. 610  
 Kanga hill, E. Africa, vii. 651, 660  
 Kang-ai plain, iii. 494  
 Kang-ge, road to, viii. 302  
 Kang-hi, Emperor, description of rivers of the Irawadi basin, vii. 309  
 Kang-hsi, Emperor (1662-1723), v. 24  
 Kangla pass, vi. 431  
 Kangombe, chief, xi. 71  
 Kangra district, survey of, xiii. 673  
 Kangudzi river, E. Africa, xii. 147  
 Kanin Tundra, the, Jacoby, xiv. 501 †  
 Kanitz, F., *Donau-Bulgarien und der Balkan*, i. 282, ii. 389; *Karte des Fürstenthums der Bulgarien und des Balkans*, i. 154  
 Kanjut state, Pamirs, xiv. 205; town and people, xi. 173; tribe, xii. 423, xiv. 218  
 Kanlukavak, Asia Minor, xiv. 58  
 Kano, Montell's journey to, xiv. 470  
 Kanong tribe, Upper Burma, xiv. 165  
 Kansa Kachin tribe, iv. 261  
 Kansas, geography and meteorology of, Forbes, iv. 641; population of, xiii. 113  
 Kansu, province of, vii. 168; history and people of, xii. 66-73; journeys in, Janssen, iii. 491, Potanin, v. 430  
 Kanyemba's town, S. Africa, xii. 348  
 Kanzezo monastery, Tibet, vii. 73  
 Kao mount, height of, xii. 157  
 Kaoko country, S.W. Africa, iv. 97  
 Kapirizange range, viii. 79  
 Kapochi river, Central Africa, xii. 155, 156  
 Kappler, A., Surinam, ix. 133 †  
 Kap-san, Korea, xiv. 150; district of, copper mines in, viii. 308  
 Kaptei plateau, E. Africa, vi. 399, 702  
 Kara Gate, ice in the, v. 661, 662  
**Kara Sea—**  
   Expeditions to the, v. 172  
   Exploration of the, Kan on, i. 609  
   Ice in the, ii. 27; position of, 1881, iv. 43  
   Map of, Hovgaard, vi. 486  
   Trade route *via* the, attempts to open, iii. 187; Cattle on, ii. 639  
 Kara, voyage of, in the Arctic seas, iv. 688  
 Kara-Aghach (Mand) river, Persia, i. 332, v. 712  
 Kara-art pass, height of, vi. 138  
 Kara-Balgassun, ruins of, xii. 424  
 Kara-Baolo, ruins of, Asia Minor, xiv. 55  
 Kara-Boghaz gulf, Caspian, i. 162  
 Kara-Buran, Lob-nor district, xii. 235  
 Kara Chai river, Persia, x. 626 *note*, xiii. 647  
 Kara Dag mountains, Central Asia, vii. 572  
 Kara-daria river, ix. 435  
 Karadji-Batyr, i. 173  
 Kara Eyuk Bazar, latitude of, x. 162



Kara Eynuk Ova valley, x. 160  
 Karagum glacier and pass, Caucasus, vii. 508 *note*, 602, x. 694  
 Karaghan country, N. W. Persia, viii. 394, 395  
 Karajungul peak, Afghanistan, vii. 563  
 Kara Kara pass, Central Asia, x. 500  
 Karakash, Central Asia, xii. 423  
 Kara Kazyk pass, ii. 500  
 Kara-Khan fort, Turkistan, iv. 494  
 Kara-Kirghiz tribe, Turkistan, vi. 497, x. 600  
 Karakol, ix. 424 *note*  
 Karakoram, ancient city of, xiii. 384; site of, Yadrintzev on, xii. 424  
 Karakoram pass, v. 614, 615, xii. 90  
 Karakoram range, iv. 614, x. 606; Conway's expedition to, xiii. 682, xiv. 178, 468, 557, 631, 704, 753; Bruce on, xiv. 768, 769; nomenclature of the peaks, xiv. 857  
 Karakoram-Gangri, range of, Tr. Sann-dera, vi. 86, 87  
 Kara Kul lake, Pamir, i. 125, ii. 501, 505, vi. 490, xiv. 11, 228, 230; outlets of, i. 455  
 Kara Kum desert, iv. 637, v. 21, 171, ix. 626, xi. 281, xiv. 319; Lessar on, vii. 281  
 Karaman castle, Asia Minor, xiv. 56  
 Karamba, new lake-junction road at, v. 689  
 Karambar pass, xiv. 784  
 Karambar Sar lake, Dauvergne's exploration of, xii. 96  
 Karamuk river, North Borneo, x. 5  
 Karang mountain, Java, vi. 142, 145  
 Karangahape mountain, New Zealand, vii. 222  
 Karangah-tagh, viii. 29  
 Karaoul, Caucasus, xii. 267  
 Karapa pass, Safid Koh, i. 45  
 Kara-Sai, Central Asia, xii. 161-164  
 Karashahr town, Tibet, ix. 786, xii. 83  
 Karash-tarim, Pamir, xiv. 208  
 Kara Su, xiv. 13  
 Kara-tagh mountains and town, viii. 36, 37  
 Karateghin, vi. 492, 494, 502 *and note*; journeys in, Lidsky, x. 534; Kossiakof, viii. 32\*; Regel, iv. 412  
 Kara-teke mountains, Central Asia, xii. 27  
 Kara Tepeh, Afghanistan, vii. 280, 288  
 Kara Ussu river, vii. 309  
 Karau-ung-kiri hill, Afghanistan, vii. 571  
 Karawal Dawan pass, height of, xii. 90  
 Karelian people of Russian Lapland, ii. 600, 601  
 Karema, Lake Tanganyika, ii. 558, 762, vii. 338; Belgian station at, ii. 248, 585, iv. 15, 240, v. 381, 551  
 Karens of Burma, iv. 343, viii. 490, x. 120; The Loyal, Smeaton, ix. 206  
 Karez-dasht, vii. 165  
 Karia and Lycia, Journey in, Benndorf and Niemann, vii. 195  
 Karim Kanah oasis, Persia, xiii. 648

Karine tribe, Upper Burma, xiv. 165  
 Kurkachu pass, Safid Koh, i. 42  
 Karkenwom, Waziristan, iv. 542  
 Karlsbad, map of environs of, Austrian Mil. Geo. Institute, ii. 714  
 Karm Allah, Emir, letter from, to Dr. Junker, ix. 413  
 Karmat'ang, xiv. 778  
 Karnali Gogra, xiii. 418  
 Karnali river, India, xiii. 417  
 Kuronga, Lake Nyasa, vii. 336, xii. 724, 725, xiii. 423  
 Karpinsky, A., De la Régularité dans la Configuration et la Structure des Continents, x. 608  
 Karr, H. W. Seton. *See* Seton-Karr.  
 Karrai hills, Waziristan, iv. 542  
 Kara, province of, agriculture and colonization of, Masalsky, x. 236  
 Karsumbla. *See* Nadsur.  
 Karshi, Bokhara, i. 66; shifting sands near, iii. 724; Steppe routes from, to Amu-daria, etc., Delmar Morgan, iii. 723\*; to Burdalyki, iii. 728, 729  
 Kartantau, Caucasus, xi. 361, 365, xiv. 111  
 Karun river, v. 133, 146, 148, 149, 152—Advisability of free navigation of the, v. 126, 136  
 And the Commercial Geography of S.W. Persia, Curzon, xii. 509  
 An Opening to British Commerce, Ainsworth, xii. 46  
 Gordon's journey to, xiii. 484  
 Notes on the Present State of, Lynch, xiii. 592  
 Source and course of, xii. 539  
 Visit to Kûm and the, Bell, xi. 313  
 Karwendel mountains, map of, xi. 756  
 Karzin, Southern Persia, v. 712, 716  
 Kasai. *See* Kassai.  
 Kasala river, S. Central Africa, xi. 220  
 Kasakajowa, Tanganyika, iv. 21  
 Kasagazi river, Lake Nyasa, i. 302  
 Kasbek, Caucasus, group of, ix. 767, x. 679, xiv. 100; early ascents of, xii. 257  
 Kase, Lake, Sierra Leone, xiv. 434  
 Kasenge, Tanganyika, iv. 9  
 Kashi river, Kuldja, ii. 493, 631  
 Kashgar river and district, xii. 88, 89; road from, to Fort Naryn, ii. 495  
 Kashgaria, Grombchevski's explorations in, ix. 508; History of, Bellew, viii. 411; Route from, to Peking, Bell, xii. 57; work on, Kuropatkin, v. 304  
 Kashkar. *See* Chitral.  
 Kashmir, v. 616, 619, 620; journey in, Uffalvy, iv. 238; photographs of, Ferryman, xiii. 136; Snowfall of 1877, 1878, in, effects of the great, Lydekker, i. 716  
 Kashunuk river, Alaska, iv. 661  
 Kasigao mountain, E. Africa, vi. 559, 560  
 Kaskasatjakko, height of, viii. 58  
 Kasonge town, Upper Congo, ix. 50  
 Kasongo. *See* Muene Putu.  
 Kas-i-Ahnef, ancient town of, Afghanistan, vii. 580 *and note*



- Kassai river, W. Africa, iv. 684, v. 605, vii. 738, viii. 430, 431, 627, ix. 337, 338, 754, 776; descent of the, Wissmann, vii. 671; explorations of the, German, viii. 610; Wolf, ix. 640\*; latitude, longitude, and comparative volume of, viii. 628; map of, François and Wissmann, viii. 676; *id.* Thys, x. 611
- Kassala, map of Menges' journey between the Setit and, x. 258
- Kassali lake, Cameron's, vi. 91, 92
- Kassara gorge, Caucasus, xiv. 103
- Kassasin, sketch of the field of operation at, iv. 709
- Kasungu, Nyasa region, vii. 744
- Kasungu peak and district, xii. 750
- Katanga country, vii. 603, xi. 79, xiii. 427; copper mines of, vii. 540; expeditions to, Bin, xiv. 860, Le Marinel, xiv. 178
- Katanov, M., explorations in the Tian Shan, xiii. 557
- Katapena, town of, Central Africa, vii. 606
- Katavothræ of the Morea, Martel on the, xiv. 466
- Katawa tribe, Kafiristan, iii. 291
- Katawaz district, i. 199
- Katchall island, viii. 719
- "Katchô-Ottine" Indians, v. 650
- Kate, Dr. Ten, expeditions in Guiana, vii. 464, viii. 191, ix. 55; Reisen on Onderzoekingen in Noord-Amerika, xii. 707†; Sur les Cranes de Lagoa-Santa, xii. 707†; Zuñi Fetiches, xii. 707†; explorations in the East Indies, xiii. 562, xiv. 469
- Katenu tribe, W. Africa, xii. 602
- Kater, Capt., survey work in India, vii. 678
- Kathey tribe, Burma, x. 266, 267
- Katie mount, Kebbi river, xiii. 467
- Katonga river, xiv. 825
- Katsena Allah river, Benue river, xiii. 457, 458
- Kateho, Kebbi river, xiii. 472
- Kattea, nomadic tribe, viii. 443
- Kattgat and Baltic, Hydrography of, Pettersson, xiv. 627
- Kattigara, ancient China, iv. 658, 659
- Katvintau peak, height of, xii. 284
- Katunga, Central Africa, xii. 719
- Kauli, population of, vii. 462
- Kaulbars, A. V., the most ancient channels of the Amu-daria, x. 182
- Kaulbars, Baron N., map of South America, viii. 402; Aperçu des travaux géographiques en Russie, xi. 697†
- Kaulia, Mount, viii. 90, 91, 179
- K'amaunangmiut Esquimaux, viii. 458
- Kaunserthal, Alps, iceberg causing inundation in the, xiv. 468
- Kaupert, J. A., maps, etc., by. *See* Curtius.
- Kavali, Central Africa, position of, xi. 646; plateau of, xiv. 838
- Kavir or Great Salt Desert, Persia, iii. 515, 518, x. 627 *note*, xii. 586, *et seq.*
- Kavirondo, E. Africa, iv. 738, 743, vi. 464, xiii. 197, 199, 204; Thomson's journey to, vi. 706; Vocabulary of the Language of, Wakefield, ix. 588†; plain of, xiv. 822
- Ka-Wana, Sierra Leone, xiv. 443
- Kawende district, Central Africa, vii. 334
- Kay, Lister, purchase by, of relics of Barents' expedition, ii. 386
- Kay, S., Travels and Researches in Caffraria, x. 609†
- Kāyal, S. India, vii. 732
- Kayan or Quillon lagoon, S. India, vii. 731
- Kaye, Gen. E., Mountain Passes leading to Bamian, i. 244\*; obituary, xiv. 335†
- Kayes. *See* Kai.
- Kayser, G., Bibliographie d'ouvrages ayant trait à l'Afrique†, x. 740, xi. 58
- Kazalinsk district irrigation works, iii. 100
- Kazbek. *See* Kasbek.
- Kazbin. *See* Qazvin and Qaswin.
- Kazembe, African chief, xiii. 424
- Kazil Kaya Bazar, latitude of, x. 162
- Kazubu river, v. 174
- Ké islands. *See* Key.
- Keane, Prof. A. H., Ethnology of the Egyptian Soudan, vii. 346†; the Lapps, their Origin, etc., vii. 893†; Eastern Geography (Malay Peninsula, etc.), ix. 524, xiv. 729; the Earth and the Ocean, Reclus, edited by, ix. 263†; Junker's Travels in Africa, translated by, xiv. 62†
- Keary, C. F., Norway and the Norwegians, xiv. 566†
- Keban-maaden, ix. 429 *note*
- Kebassa, W. Africa, vii. 740
- Kebbi river, ii. 301; exploration of, MacDonald, xiii. 449\*
- Kebnekaisse, mountain, Sweden, vii. 611; height of, viii. 58
- Kebra-basa rapids, E. Africa, vii. 441
- Keeling or Cocos island, v. 656, vii. 263; discovery of, ii. 49; Konor on, iii. 109; Notes on, Forbes, i. 777\*; report on, Birch, viii. 263; suitability for a meteorological station, vi. 114
- Keeling harbour, Formosa, xi. 225
- Kéethi, E. Africa, ruins of, vi. 267
- Kegudo, Tibet, vii. 73. *See* Jyê-kundo.
- Kei river, New Guinea, vii. 176, 177
- Keil, W., map of Saale and Werra, i. 348; orohydrographische Wandkarte von Europa, vi. 611
- Keilhack, Dr. K., Islands Natur und ihre Einflüsse auf die Bevölkerung, viii. 402†; Reisebilder aus Island, vii. 403
- Keilhack, Dr. R., das Abflusslose Gebiet, etc., auf der Baltischen Seenplatte (map), xiii. 190
- Kelat Atock, i. 183, 186, 189
- Kelateh, village of, Persia, v. 79
- Kelat-i-Nadiri, i. 186
- Kelbia, Lake, Rolland on the geology of the district of, x. 598
- Kelobia, ancient Clypen, viii. 523
- Keller, H., Reisekarte der Schweiz, iii. 639, ix. 655
- Kelpen, village of, Central Asia, xii. 27, 28.

Keltie, J. Scott, inspector of geographical education, vi. 403; his report, vii. 417; librarian, R.G.S., vii. 239; geographical appliances collected by, vii. 543; remarks on the same, viii. 54, 121; lecture on geographical education, vii. 759; on progress of the same in England, xiii. 629; the Statesman's Year-book, edited by, viii. 282†; the Partition of Africa, xii. 655\*; Applied Geography, xiii. 60†; assistant secretary, R.G.S., xiv. 177

Kelung harbour, Formosa, vii. 3

Komp-Welsh river of New Guinea, Rev. Th. Beswick's description of, ii. 511

Kenamish river, Labrador, x. 173

Kenamou river, Labrador, x. 193

Kenia, Mount, v. 379, 380, vi. 78, 401, 464; ascents and description of, xiv. 527, 532; Expedition to, Dundas, xiv. 513\*; Von Höhnel, xiv. 412; Teleki, x. 533; Thomson, v. 223, vi. 703, 704; height of, xii. 332; Krapf on, iv. 747; plateau of, vi. 401

Kennan, G., Siberia and the Exile System, xiv. 502†

Kennedy, Capt. J. C., Algeria and Tunis in 1845, x. 609†

Kennedy, Capt. W. R., Sport, etc., in Newfoundland and the West Indies, vii. 557†

Kennedy, Dr., on the overflow of Abistada lake, i. 333

Kennedy, E. B., Blacks and Bushrangers; Adventures in Queensland, xi. 753†

Kennedy, Lake, Tyson's notes on, i. 706

Kennedy, Rev. Jas., Life and Work in Benares and Kumaon, vii. 53†

Kenneh, town of, ix. 667; route from, to Koser, ix. 661

Kenny, Capt., explorations in W. Africa, xii. 686

Kenpon-Gakbo river, South-eastern Tibet, vii. 314, x. 578-582

Kensington examinations in navigation, iv. 305, 306, 308 note, 312

Kent, Murray's Handbook to, xiv. 866†

Kentucky, New South Wales, Government map of, v. 310

K-nya. See Kenia.

Kenyon, B. A., traverse of the route from Tavoy to the Bountge pass, x. 323

Kep or Lang-Kep village, viii. 229

Kephallenia and Ithaka, Partsch's Work on, xii. 702†; map and plan, xii. 709

Keraira peak, Afghanistan, i. 629

Kerameh village, Southern Persia, v. 139

Kerberg, G., journey in China, xii. 51

Keroj river, Persia, x. 627 note

Kerges Kuh range, Persia, x. 629 note

Keria. See Kiria.

Kerife, Sierra Leone, xiv. 442

Kerkhah river, S.W. Persia, xii. 529-531

Kerlingarfjöll range, Iceland, x. 729

Kernadee islands, their Capabilities and Extent, Smith, x. 316†

Kermanishah, town, S.W. Persia, xii. 525

Kerner von Marilaun, F., die Schneegrenze in Gebiete des Mittleren Innthales, x. 105†

Kéro glacier, Himalaya mountains, vi. 84

Kerr, J. Graham, progress of Page's expedition up the Pilcomayo, xiii. 39

Kerr, W. Montagu, Journey from Cape Town to Lake Nyasa, viii. 65\*; on Farini's Journey in the Kalahari, viii. 450; the Far Interior, viii. 798†; death and obituary of, x. 302, 385

Kerry-Nicholls, J. H., the King Country, New Zealand, vi. 484†, vii. 201\*; on explorations in S. New Guinea, ix. 85; obituary of, xi. 422

Kesheen town, viii. 100

Keskelen village, Russian Turkestan, x. 641

Kesselmeier, C. A., on the metric system, ix. 707

Kessler, Herr, on American forests, xii. 428

Kestel, latitude of, x. 162

Ketehahi crater, New Zealand, vii. 221

Ketinkuru, chief of the B'emba, vii. 333, 603

Ketmen-Kiel, Turkistan, xii. 235

Ketterin tribe, Arabia, ii. 92

Kettle, H. A., obituary of, ii. 417

Kettle, W. R., Notes on the Island of St. Michael, Azores, etc., ix. 205†

Kettler, J. T., Karte von Afrika, vii. 135, 412; school wall map of German East Africa, xiii. 643; Zeitschrift für Wissenschaftliche Geographie, ix. 263†

Ketu, W. Africa, xii. 612

Keum Kang San mountains, Korea, xiv. 145, 146

Keum-san, gold-washings at, viii. 300

Kew Observatory, watch rating undertaken by, vi. 292

Key, or Ké, islands, Langen on, x. 764\*

Key el Aby, reported lake in Africa, v. 35 and note

K'gang trees of the Kalahari desert, viii. 448

Kha Chay tribe, Siam, x. 125

Khaf, town of, v. 8, viii. 137

Khaibar range and pass, i. 43, 44; Grant on the, i. 338; map of, T. Saunders, i. 156

Khairabad river, Southern Persia, v. 159

Kha Kaw tribe, xiii. 706

Khakini river, viii. 36, 37

Khál Chuskuin, Pamir, xiv. 207

Khama, chief of the Bamangwato, i. 241, 242, xiii. 374

Khamti. See Kampti.

Khanakin, Central Persia, v. 124, 125, 136

Khandachevsky, M., explorations in Western Siberia, ii. 767

Khang tribe, Upper Burma, xiv. 165

Khan-i-khet, Southern Persia, v. 140; 141

Khanikoff, M. N. de, obituary of, i. 216

Khan Jahán Ali, ruins of tomb of, xiii. 282

Khanka, Lake, Manchuria, ii. 645

- Khan Kiri hill, Afghanistan, vii. 571  
 Khan Tengri mountains, ix. 424, xi. 312  
 Kharan. South-West Beluchistan, v. 721  
 Khara Oussou river, Central Asia, vii. 309  
 Khurdung pass, height of, xii. 90  
 Khargosh pass, xiv. 15  
 Kharism, aqueduct of, i. 178  
 Kharput, Central Asia, ix. 429 *note*  
 Khartum, position of, xi. 643, 644; Hills of Desert N.W. of, map of, Schuher, vi. 175  
 Kharzar, Fort of, i. 247  
 Khasia mountains, India, vii. 534  
 Khasias, travelling chair of the, xi. 202  
 Khás-rud river, Northern Persia, i. 195, v. 75  
 Khatmandu and Kaulia, position of, vii. 258  
 Khaul-Chiang river. *See* T'amén.  
 Khavailu (Huo-lu-hien), xii. 59  
 Khavre village, Persia, xii. 584  
 Khawak pass, Hindu Kush, i. 114, 115  
 Khemi, the Land of (Middle Nile), Olliphant, iv. 122 †  
 Khetran plains and valley, ii. 240, 319  
 Khing plateau, Persia, v. 70  
 Khin-gan mountains, explorations of, Garnak and Ressine, x. 304; Region of the, Aitoff, xiv. 867 †  
 Kbir, Southern Persia, v. 141  
 Khiva, from Bamián to, journal of Capt. Conolly, xiv. 631; oasis of, roads to, iv. 224; *id.*, Kalitin's journey to, iv. 219  
 Khnoi, village of, Caucasus, xiii. 316  
 Khoja Amran, i. 58, 713, ii. 188, 226-231, 538, 623  
 Khojak pass, ii. 226-231, 539, 540  
 Khokand, Khanate of, History of, Nalivkine, xi. 631 †; valley of, xiv. 4  
 Khomkôu pass, v. 5, 6; Lessar's road to Persia from, v. 7  
 Khonas, latitude of, x. 162, 163  
 Khor Ambagi, Egypt, ix. 662  
 Khorasan, salt desert of, xii. 589, 590  
 Khorat, city of, Siam, x. 123  
 Khorezabad, trade route from Dizful to, xii. 525  
 Khorgos river, new Russian settlement on the, iv. 98  
 Khost, Afghanistan, i. 48, 628  
 Khota tribe, E. Africa, vi. 262  
 Khotan or Khoton, oasis of, population of, ix. 229, 230; town, ix. 734; position of, de Rhins, xiii. 725; route from, to Nia, xii. 466  
 Khraista valley, Waziristan, iv. 542  
 Klugán, ancient town of, Afghanistan, vii. 581 and *note*.  
 Khuisab, map of the lower, Stapff, ix. 529  
 Khulias river, i. 65  
 Khullas river, Oshanin on, ii. 573  
 Khund river, Pamir, vi. 139, 140  
 Kluur, Central Asia, xii. 84  
 Khurkhu ridge, Central Asia, vii. 168  
 Khushkhak, Southern Persia, v. 142  
 Khursu Purvez, Persia, iii. 538  
 Khustá river, Central Asia, xiii. 209, 211, 213  
 Khutu, Central Africa, vii. 332  
 Khyen race, viii. 491, 496, 497  
 Kiachta, From, to the sources of the Yellow River, etc., Prejevalsky, x. 738 †  
 Kiang Hsen, town of, xiii. 720  
 Kiangla pass, viii. 46  
 Kiang-Tung Lawa race, viii. 8, 500  
 Kiarat pastures, Northern Persia, v. 76  
 Kia-ting-fu, China, xiii. 331, 332, 337  
 Kiau-chi, iv. 658  
 Kiaya valley, Central Africa, xiv. 837  
 Kia-yu-kwan, Central Asia, xii. 75  
 Kibanga chief, i. 551  
 Kibangi language, vocabulary of, Sims, ix. 133 †  
 Kibanti village, Nguru country, v. 521, 528  
 Kibo peak, E. Africa, v. 546, 547, vi. 693, vii. 146, 149, 151, 158, ix. 682, xii. 176, 332; Meyer's ascent of, xi. 305, xii. 94, 95  
 Kiboko or Kashoko tribe, ix. 754  
 Kibonge town, ix. 49  
 Kibonoto village, South-East Africa, v. 477, 547, 549  
 Kiebilim Dawan, Turkestan, xiv. 782  
 Kichkine Kizil Art pass, Pamirs, xiv. 9, 11  
 Kidurong bay, N. Borneo, iii. 198  
 Kief Society of Naturalists, Memoirs of, xiv. 267 †  
 Kiepert, H., Ancient Geography, Text-book of, 152 †; Manual of, iii. 258 †; Atlas, school, i. 153; *id.*, historical, i. 816; Itinerare auf der Insel Lesbos, xiii. 183 †. Maps by—Africa, vii. 60; Algeria and Tunis, iii. 700; Alsace-Lorraine, i. 746; America, South, iv. 711, xiii. 191; ancient world, vii. 271; Asia Minor, ancient, x. 546; western, xiv. 137; Balkan Peninsula, new boundaries, ii. 656; Cabul to the Indus, i. 156; Cyprus, i. 79; Danube, Lower, and Balkan countries, ii. 784; Europe, i. 154; Germans, distribution of, in Europe, ix. 786; Graeco-Turkish boundary, iv. 705; Greece, iii. 443, 697; Haussknicht's routes in the East, iv. 520; Iran, i. 156; Italy, Southern, iv. 328; lands Hellenized under Macedonian Empire, iii. 64; Latium, x. 545; Lycia, iv. 709; Persian and Macedonian Empires, xi. 401; Nile-lands, vi. 239; Servian, etc., frontiers, iii. 832; Thessaly, Northern borderlands, iv. 705; Thessaly and Epirus, i. 154, ii. 523, trigonometrical surveys, etc., in, iv. 705; Tunis, iii. 384; Turkish Empire, xiv. 349; in Asia, vi. 360; Westphalia and Hesse, viii. 64. Wall maps—Asia, i. 752, vii. 271; Germany, ii. 143, vi. 244; Palestine, v. 436; (physical) Africa, iii. 704, xiii. 696; America, North, viii. 413; Asia, v. 436; Pacific, iv. 188

- Kiepert, R., maps by—Congo Basin, vii. 265, viii. 607; *id.*, Southern half, ii. 77. East Africa, xiv. 66, spelling of names in the same, xiv. 776. German surveys in Angola, ii. 718. Routes and surveys of travellers—Böhm and Reichard, Central Africa, ix. 328; Buchner, Lunda, iv. 187; Flegel, Benué, ix. 466, Sokoto, iv. 128; Klunzinger, Egypt, ii. 205; Lenz, Sahara, iii. 384; von Mechow, Kuango, iv. 709; Pogre and Wissmann, Central Africa, vi. 238; Schütt, S. W. Congo basin, iii. 640. S. E. Peninsula of Europe, vii. 834. Tabora, Tanganyika, and Lake Rikwa, vii. 220. Wall maps—Africa, vii. 412; Balkan Peninsula, v. 688; British Isles, v. 56; countries of Europe, iv. 192, vii. 272; Italy, v. 440; Russia, x. 56, 809; Schleswig-Holstein, v. 312.
- Kiesling, Reisekarte von Mittel-Europa, i. 348.
- Kifu river, Central Africa, xiv. 47.
- Kihtran tribe, i. 55.
- Kiltyk river, Central Asia, xiii. 212.
- Kikondia lake, Central Africa, vii. 606.
- Kikumbulu, E. Africa, iv. 750, 751.
- Kikunji falls, Kwango river, ix. 239.
- Kikuru river, East Africa, v. 689.
- Kikuyu, East Africa, xiii. 194, xiv. 526, 818.
- Kila Kén, and Kila Kung, vii. 164.
- Kileh-Maur, Afghanistan, vii. 280, 288.
- Kilema river, vii. 145.
- Kilian pass, Turkistan, xiv. 781; route to Kashmir *viâ*, xii. 90.
- Kilimanjaro, iv. 751, v. 379, 477, 546, xiv. 531.
- Acquisition of the District of, Jühlke, ix. 715†.
- Ascents of, Meyer, ix. 682, 708, 766, x. 34, 45, 448, 708, xi. 504, xii. 37, 94, 381\*, xiii. 125†; Ehlers, xi. 95, 240, 408.
- Discovery of, iii. 686.
- Expeditions to, proposed, iii. 587; Johnston, vi. 88, 375, 376, 401, 464, 536, 559, 588, vii. 187\*, viii. 128†; Thomson, iv. 420, vi. 153.
- Fauna of, vii. 152.
- Map of the Kibo Crater of, Meyer, xii. 188.
- Rocks of, Hyland, xi. 188†.
- Snow on, Meyer on, xi. 805.
- To the Snow Cap of, Meyer, x. 603†.
- Visit to, Mrs. French-Sheldon, xiii. 633.
- Kilkerran, mount, Ferguson island, xi. 536.
- Kilkivan and Black Snake Districts, Report on the Geology, etc. of, ix. 59†.
- Killistino or Creea, North American Indians, v. 649, 650.
- Kiloluna river, E. Africa, xii. 699, xiv. 528.
- Kilpin, E. F., Cape of Good Hope Civil Service List and Calendar, 1887, ix. 260†.
- Kilwa, Chilwa or Shirwa lake, East Africa, vi. 531, 646, 713, *et seq.*; supposed connection with the Lujenda, iv. 321, viii. 328; and Rovuma basin, watershed between, viii. 99. See Shirwa.
- Kilwa island, lake Mweru, xiv. 39, 44.
- Kilwa Kivinja, route from, to Ubena, i. 420.
- Kimani river, North Borneo, x. 138.
- Kimawenzi peak, v. 546, vii. 145, 149, 154, 158, xii. 94, 176, 340.
- Kimber, T., Chart showing the comparative time of the world, i. 744.
- Kimberley, Earl, remarks at anniversary dinner, xiv. 494.
- Kimberley, S. Africa, diamond-digging at, viii. 438.
- Kimberley district, W. Australia, map of, vi. 175; of surveyed portion, Young, viii. 677; Report on the Gold fields of, Forrest, viii. 646; Woodward, xiv. 575†.
- Kimbundo, chief, ix. 755.
- Kimkumbi river, E. Africa, ii. 107.
- Kimweri, Usambara chief, i. 82, 84.
- Kinabalu lake, North Borneo, iii. 202, 203, x. 136, 145; mountain, iv. 118, v. 90, x. 3, 143, 144.
- Kinabatangan country, North Borneo, x. 135. River, v. 90, x. 2; Overbeck's voyage up, i. 123; Pryer's, iv. 116.
- Kinagamiut, Alaska, iv. 669.
- Kinak river, Alaska, iv. 668.
- Kinakombé, W. Africa, xiv. 518.
- Kinang-gop, plain of, East Africa, xiii. 195.
- Kinchinunga. See Kanchinjinga.
- Kinderlinak bay, Caspian, i. 162.
- Kindersley, B. T., on the Dutch boundary in North-Eastern Borneo, x. 594.
- King, Capt. S., on a journey through the Somali country, vii. 644.
- King, C., geological and topographical atlas of the Western United States, i. 159.
- King, F. D., Contour maps of Huddersfield, and Yorkshire, xiv. 65.
- King, G., journey in Western China, ii. 188.
- King, Hon. P. G., Comments on Cook's Log, etc., xiv. 875†.
- King, M., Handbook of the United States, xiv. 572†.
- King Charles Land, Spitzbergen, xi. 684; explorations of, by Andreasen, xii. 175.
- King Country, N. Z., exploration of, Kerry-Nicholls, vi. 484†, vii. 201\*.
- King Sound, North-West Australia, v. 722.
- King William Cape, New Guinea, 509.
- King William Land, New Guinea, Expeditions to, Finckh, vii. 512; Hollrung, x. 600; Work on, Hager, ix. 208†.
- King William Land, Arctic regions, Schwatka's expedition to, Markham on, ii. 657; map, ii. 783.
- Kingani river valley, E. Africa, iv. 276, ix. 494.

- Kingenge, African chief, v. 163  
 Kingford, W., History of Canada, x. 542 †  
 Kingua Fjord, ix. 522  
 Kinibalu. See Kinabalu.  
 Kinloch, Col., Large Game Shooting in Tibet, etc., xii. 571 †  
 Kinney, T., Trans-Himalayan explorations of, i. 450  
 Kin-sha-kiang, Tibet, vii. 75, 308. See Chin-Sha  
 Kinshasha village, West Africa, v. 575, 576  
 Kinsuani river, Central Africa, xii. 667  
 Kinta river, Malay Peninsula, iv. 403  
 Kintamo bay, Stanley Pool, vi. 74, 75  
 Kintampo, town of, W. Africa, xii. 167  
 Kintup, explorations of, xi. 568  
 Kinyanja language. See Chinyanja.  
 Kinzelbach, M., position of Khartum, xi. 643  
 Kioko tribe, West Central Africa, ii. 647, 648, xi. 71  
 Kiongwe, Ali, xii. 713, 714  
 Kipehak tribe, viii. 148  
 Kipi, position of, xi. 646  
 Kipniaguk, Alaska, iv. 664  
 Kips, J., Guide to Belgium, xi. 390 †; to Brussels, viii. 478 †; Plan de Bruges et de Bruxelles, ix. 325; Plan de Gand, ix. 326  
 Kirais tribe, Tibet, ix. 230  
 Kirakow, East Africa, xiii. 201  
 Kiraragwa route, Masai country, v. 547  
 Kirby, Capt. B., Journey in Ashanti, vi. 447 \*  
 Kirchenpauer, Dr., on scientific research in the Polar regions, i. 739  
 Kirchhoff, Dr. A., on geographical teaching in Germany, iii. 439; *Forschungen zur Deutschen Landes- und Volk-kunde*, etc., x. 668 †; *Einleitung in die Länder-kunde von Europa*, ix. 711 †; *Unser Wissen von der Erde*, ix. 653 †  
 Kirchner, Dr., *Das Reichland Elsass-Lothringen*, map, vi. 107; *Elsass im Jahre 1789*, map, ii. 656  
 Kirchner, J. J., *Bosnien in Bild und Wort*, i. 283 †  
 Kirghiz Steppe, Balchashine's explorations in, ii. 767; Russian topographical work in, i. 384  
 Kirghiz tribe, x. 500, xiv. 225; of Semirétchia, Krasnof on, x. 54; of Syrdaria, Grodekof on, xii. 185 †  
 Kiria oasis, Central Asia, vii. 813; river, ix. 733, xi. 679, xiii. 101; town, ix. 733; ancient trade route to, xii. 76  
 Kirian range, viii. 28, 29  
 Kirin, Manchuria, fort at, x. 487; town of, ix. 549  
 Kirishimayama, volcanic group, ix. 99  
 Kiriwina people, New Guinea, xiv. 328; islands. See Trobriand.  
 Kirk mountains, xii. 150, 152  
 Kirk, Sir John, on the East African expedition, i. 529, 672, ii. 134; visit to the Dar-es-Salaam district, iii. 308; remarks  
 Kirk, Sir John—continued—  
   at evening meetings, iv. 65, 87, v. 543;  
   receives patron's medal, iv. 433; on the  
   Kilimanjaro expedition, vi. 600; letter  
   from King Mtesa to, vi. 89  
 Kirman, Persia, v. 124, 130  
 Kirta valley, i. 59  
 Kirthar hills, i. 60  
 Kirui, Bangweolo lake, vii. 334, 605  
 Kisanga district, East Africa, v. 582;  
   trade route from, to Lake Nyasa,  
   O'Neill's exploration of, iv. 47  
 Kishanganga river, vii. 709, 713  
 Kishni Dagh, Caucasus, xiii. 320, 321, 322  
 Kisi island, Bangweolo lake, vii. 334, 605  
 Kisigali mountain, xiv. 541  
 Kisimajulu harbour, Mozambique, iv. 596  
 Kisimayu, Somali country, vii. 644; itin-  
   rary from, to El Wak, vi. 272  
 Kisongo, E. Africa, iv. 734, v. 541  
 Kissangué settlement, W. Africa, v. 696  
 Kisao river, W. Africa, ii. 707  
 Kistna river, viii. 693, 694  
 Kita, near the Niger, v. 36  
 Kitaba, West Africa, v. 711, ix. 189  
 Kitara country, xiv. 823  
 Kitava or Nowau island, xiv. 415  
 Kitehener, Capt. H. H., trigonometrical  
   survey of Cyprus, map, vii. 411; Survey  
   of Western Palestine, v. 304 †  
 Kiteke, Vocabulary of, Sims, ix. 58 †  
 Kitimbiri, E. Africa, vii. 140  
 Kittam river, Sierra Leone, xiv. 439  
 Kittar, valley and waterfall, ix. 670, 672,  
   673  
 Kittim, origin of the word, i. 106, 107  
 Kiulu range, E. Africa, vii. 154  
 Kivolani-Umfussi lagoons, E. Africa, vii.  
   431  
 Kiwa Pori tribe, ix. 601  
 Kiwai and Kiriwina tribes, New Guinea,  
   xiv. 328, 793  
 Kiwai island, Fly river, xii. 354, 690  
 Kiwirwa river, Central Africa, xiii. 89  
 Kiyansi language, West Africa, v. 708  
 Kizanza district, Central Africa, iii. 551  
 Kizil Art pass, ii. 499, xiv. 9, 11  
 Kizil Arvát, route from the coast to, i.  
   172 \*  
 Kizilbash tribe, Asia Minor, vi. 313;  
   Western Kurdistan, x. 104  
 Kizil-bulak, road to Afghanistan *ibid.*, v. 6  
 Kizilje Dagh, latitude of, x. 162  
 Kiziltash Dagh, latitude of, x. 161, 162  
 Kizuato Shito tribe, ix. 756  
 Kizul-Kum desert, i. 385, iv. 637  
 Kizul-su river, Surkhah or Wakhsah, vi.  
   494 *et seq.*, xii. 86  
 Kjeldsen, Capt., voyage to Spitzbergen, ii.  
   128; discovery of land N. E. of Spitz-  
   bergen, vi. 40  
 Kjellström, C. J. O., *Karta öfver Konung*  
   *Oscars Hamn på Grönlands Ostkust*,  
   vi. 304  
 Kkutu, E. Africa, ii. 112  
 Klagenfurt, map of, environs of, vii. 697  
 Klahena river, Alaska, xiii. 79, 82



- Klamath valley and lakes, Oregon, i. 695  
 Klaproth, J., theory of the sources of the Irawadi, iv. 269  
 Klu-tsu-kult river, Alaska, xiii. 82  
 Klein, H. J., *Physische Geographie*, ii. 783 †  
 Klein und Thomé, *Die Erde und ihr organisches Leben* †, i. 814, iv. 123  
 Klements, D., *Drevnosti Minusinskago Muscya*, ix. 459 †  
 Klerksdorp Gold Fields, maps of the, xii. 55, 355, 645  
 Klöden, G. A. von, *Secn-Tabellen*, vii. 410 †  
 Klokwan, Alaska, xiii. 75, 76  
 Kloof and Karoo, Sport, etc., in Cape Colony, Bryden, xii. 53 †  
 Klutschak, H. W., *Als Eskimo unter den Eskimos*, iii. 380 †  
 Klydoskop, the, Hauser, iv. 327  
 Knapp, Orafa Jökull, xiv. 847, 848  
 Knight, E. F., *Cruise of the Falcon*, vi. 103 †; *Cruise of the Alert*, etc., xiii. 242 †  
 Knight-Bruce, G. W. H., *Journals of the Mashonaland Mission*, xiv. 571 †  
*Knight Errant*, survey work of the, iv. 552  
 "Knobnooses" or Ma-Gwamba tribe, South-East Africa, v. 285  
 Knollys, Major Henry, *English Life in China*, viii. 182 †  
 Knutsford mount, New Guinea, xi. 606, xii. 207, 209  
 Knutson, M., exploration in the Cameroons, x. 380  
 Koangu river, West Africa, xiii. 176  
 Kobadian. *See* Kabadian.  
 Kobua river, Guadalecanar island, x. 363, 364  
 Koch, Commdt., maps of Western Africa and Afghanistan, viii. 340; *Croquis du Dahomey*, xii. 441  
 Koch, G. A., *Die Abgrenzung und Gliederung der Selvetta-Gruppe*, vi. 300 †  
 Kodiyan, Persia, v. 712  
 Kodor Group, Caucasus, xiv. 101  
 Koeboes of Sumatra, v. 657  
 Koechlin-Schwartz, A., *Un Touriste au Caucase*, iii. 114 †; *Un Touriste en Laponie*, iv. 790 †  
 Kofau river, Turkistan, vi. 498  
 Koh-i-Baba range, i. 192, 245, 246, vii. 276; Countries and Tribes bordering on, Lumsden, vii. 561\*  
 Koh-i-Daman, i. 117, 118, 119  
 Kohistan, Hindu Kush, i. 116; Ujjalvy on, i. 77 †  
 Kohnke Bazar, Caspian, i. 106  
 Koi, tribe of, Bustar, i. 377  
 Koiri tribe and language, New Guinea, v. 357, xiv. 792  
 Kojia Kalesi, ruins of, Asia Minor, xiv. 55, 56  
 Kokcha river, Turkestan, vi. 498  
 Kokhand. *See* Khokand.  
 Koki district, Central Africa, xiv. 413, 432  
 Koko-nor lake, Central Asia, iii. 345, iv. 617, vii. 169  
 Koko-shili or Blue range, ix. 224 *note*.  
 Kok-su valley and mountain, i. 125, vi. 495  
 Ko-ku-rye, Korea, xiv. 155  
 Kola, E. Africa, the road to, i. 417  
 Kola Peninsula, ii. 503; expedition to, xiii. 306; *id.*, Rabot, viii. 48; Results of Expedition in 1891 to, Petrelius, xiv. 866 †; Town, ii. 600  
 Koldeway, R., *Itinerare auf der Insel Lesbos*, xiii. 183 †  
 Kolentang or Great Skarcies river, xiv. 437  
 Kolff, Lieut., visit to New Guinea, vi. 201  
 Kôli or Kôlis, Asia, iv. 655  
 Koli La Pass, S. E. Tibet, vii. 316  
 Kollbrunner, E., *Der Beobachter*, iii. 381 †  
 Kollur, ancient diamond mine in India, iv. 641  
 Kolm, G., *Verhandlungen des Neunten Deutschen Geographentages*, xiv. 198 †  
 Kom, Persia, x. 642, xii. 526; river of, x. 627 *note*, xiii. 647  
 Komerup, M., explorations in Greenland, ii. 191  
 Komono mount, W. Africa, xii. 168  
 Komrud village, Persia, x. 626, 627 *note*.  
 Koneha, source of the Benué near, v. 551  
 Konde country, E. Africa, ii. 209; plain, xii. 727, 728; range, iii. 258, 275, 391  
 Koner, Prof., death of, ix. 707  
 Koner, W., on the Keeling islands, iii. 109  
 Kong mountains, i. 787, xii. 167, 378, 611, xiv. 261; Burton on, iv. 484  
 Kongoni river, E. Africa, xii. 138, 139  
 Konia, latitude of, x. 163  
 König, Th., *Geschäfts- und Reise-Karte von Europa*, vi. 427 †  
 Königberg Peak, Togoland, x. 309  
 Konkun district, India, iv. 458  
 Konkarmo, Guiana, vii. 500, 501  
 Konshin, M., journey in Transcaspian country, ix. 430, 431; on the old channel of the Oxus, vii. 253, xiv. 236; on the Attak Oases and the Transcaspian deserts, ix. 625  
 Koolenans Beynen, promoter of Arctic research, v. 348. *See* Beynen.  
 Koon tribe, Burma, iv. 323  
 Kootenie river, N. America, xi. 154  
 Koj-a river, Central Asia, ix. 426 *note*.  
 Köppen, F. T., *Verbreitung der Holzgewächse Russlands*, xii. 119 †  
 Korak (or Kariak) tribe of Tchukches, iii. 568  
 Korat, longitude of, Siam, xiii. 111.  
 Korea—  
 Aborigines of, viii. 289  
 History of, Ancient and Modern, Ross, ii. 139 †  
 Journeys in—Bernerston, vii. 242; (North), Campbell, xiv. 141\*; Carles, vi. 287, vii. 460, 608, viii. 289\*  
 Lava fields of, vii. 608  
 Life in, Carles, x. 311 †  
 Maps of—Hassenstein, v. 628; Rondo-Mako'o, v. 568



**Korea—continued—**

- Minerals of, xiv. 151, 160  
 Photographs of, Campbell, xiv. 284  
 Population and revenue of, v. 284  
 Ports of, iv. 509; notes on that of Gensan, ii. 700  
 Relations with Japan, v. 238  
 Surveys of, vi. 378; by the Japanese, i. 793; of the coasts, v. 386, 597, 598  
 Trade with, Venukoff on, iv. 564  
 Treaty with, attempts at, viii. 290  
 Visit to, 1882, Hall, v. 274\*; Woolley, ii. 313  
 Volcanic traces in, viii. 302  
 Voyages to, Oppert, ii. 139  
 West coast of, difficulty of approaching, v. 275  
 Koreans, compared with Japanese, v. 276  
 Korfu, original map of, x. 55  
 Korkai, S. India, vii. 372  
 Korla, Central Asia, xii. 84  
 Koro Koro, W. Africa, xii. 131, xiv. 520  
 Koronos mountains, Persia, x. 85 *note*.  
 Korosko, March from Berber to, Grant, vi. 326\*  
 Korotnef, M., voyage in the Malay Archipelago, x. 596  
 Korti, From, to Khartum, Wilson, viii. 129†  
 Koruldash (or Ailama) peak, height of, xii. 284  
 Koschitzky, Max von, Deutsche Kolonialgeschichte, x. 181†  
 Kosciusko mount, Australian Alps, vii. 248  
 Koshtantau mountain, Caucasus, vii. 600, viii. 644, ix. 619, 767, x. 589, 688, 689, xii. 284; Ascent of, Mummery, xi. 351\*, Holder, xi. 363  
 Kosi, W. Africa, xiv. 517  
 Koslowski, Colonel, discovery of fresh-water lake near the Sea of Aral, xiii. 296  
 Kosseir and Koptos (Kufi), old trade route between, ix. 661, 662  
 Kossiakoff, M., explorations in Western Asia, v. 392; Journey in Karateghin and Darwas, transl. Morgan, viii. 32\*  
 Kostenko, M., on the population of Turkistan, x. 304  
 Kota Kota, Lake Nyasa, i. 291, 292, xii. 723  
 Kotal-i-Kandar, Turkistan, xiv. 783  
 Kotch Hissar, latitude of, x. 163  
 Kotelný island, New Siberian Islands, x. 249; Baron von Toll's exploration of, ix. 577, 578  
 Kotlik, Alaska, iv. 662, 663  
 Kotli-Kandar pass, Hindu Kush, xii. 234  
 Kotzebue Sound, ice phenomenon in, iii. 49  
 Koula, latitude of, x. 163  
 Koulen mountain, Ajmonier's excursion to, v. 741  
 Kouni, country of, Senegal, Bayol's visit to, v. 561  
 Kourapatkine, Col., Les Confines Anglo-Russes dans l'Asie Centrale, i. 405†; Kashgaria, v. 304†  
 Koushid Khan Kala, iv. 347  
 Kovalefsky, Maxime, Zakon i obychai na Kavkazé, xiii. 734†  
 Kovda river, Russian Lapland, ii. 595  
 Koverski, General, on topographical maps of the Russian empire, xiv. 237  
 Kovio, or Mount Yule, New Guinea, xiii. 229, 430  
 Kowald, Mount, New Guinea, xii. 198, 199  
 Koyukuk river, Alaska, report of expedition to, Allen, x. 396  
 Kra, Isthmus of, Notes of a Journey across, Loftus, v. 564†; journey to, Harmand, iv. 766  
 Kraetzer, M., on the cultivation of mahogany trees in Tongking, vii. 395  
 Krafft, H., visit to Japan, vi. 46, 297; Souvenirs de notre Tour du Monde, vii. 556†  
 Krakatau, Eruption of, vi. 142\*, 219; First News Concerning, Bonaparte, vii. 482†; investigations on, Cotteau and Korthal, vi. 480; Foerster on, xi. 252; Report of Royal Society Committee on, x. 805†; map of, Metzger, viii. 135; work on, Verbeek†, vii. 554, viii. 604; theory of, vi. 135; pumice stone cast up by, vi. 135, 467  
 Krakye, on the Volta, Ramseyer's journey to, viii. 248  
 Kranz, M., Natur und Kulturleben der Zulus, ii. 590†  
 Krapf, Dr., discovery of Mount Kenia, iv. 747, xv. 522; journeys in Usambara, i. 81, *et seq.*; on the Wa-asi tribe, v. 528; death of, iv. 47  
 Krarup, F., Zeniernes Rejse til Norden et Tolknings Forsøg, i. 152†  
 Krasnof, M., expedition in Russian Turkistan, ix. 51, 54, 425, 426, x. 598, 599; on his explorations near Lake Balkash, ix. 116; on the Kirghiz of Semiretchinsk, x. 54; report on agriculture and colonization in the same, x. 235  
 Krasnovodak, Caspian, i. 166, 167 *note*  
 Kratke range, New Guinea, xi. 177  
 Krause, Drs. A., expedition to Bering Sea and Strait, iii. 374, iv. 567; to the Chukche peninsula, iv. 92, 621; ethnographical map of the same, v. 750; maps of routes to the Eastern and Western Kussoca, v. 55; of the Chilkat region, v. 750; journey in the same, xiii. 295; the Tlinket Indians, vii. 767†  
 Krause, Dr. E. H. L., the flora of North Germany during the Middle Ages, xiv. 800, map, 866  
 Krause, Dr. G. A., Mittheilungen der Riebeck'schen Niger-Expedition, vi. 425, 685; explorations in Upper Guinea and the Niger basin, viii. 722, ix. 510, 760  
 Kraw. See Kra.  
 Krebs, W., Klimatische Faktoren der Weltwirtschaft, xiv. 866†  
 Kreitner, G., Im fernen Osten, iii. 59†; on the Irawadi, vii. 303

- Krestowaja Gora, Caucasus, x. 679  
 Kretschmer, K., Die Physische Erdkunde im Christlichen Mittelalter, xii. 439; on Italian maps of the Middle Ages, xiii. 563  
 Krick, Abbé, journeys to Tibet, ix. 355, 356  
 Krishna, Pundit. See A—K.  
 Krones, Dr. F. von, Die Deutscher Besiedlung der östlichen Alpenländer, etc., xi. 313†  
 Kroosi, Mozambique, iv. 597  
 Kroumir country, Tunis, Perrier's explorations in the, iii. 566  
 Krüger, M. C., map of the Basuto country, v. 299  
 Krümmel, Dr. O., Versuch einer vergleichenden Morphologie der Meeresräume, i. 409†; Tiefenkarte des Australasiatischen Mittelmeer, iv. 328; Der Ozean, viii. 674†; Tiefenkarte des Euböischen Euripus, x. 809; on the geographical results of the "Plankton" expedition, xii. 115; on the Sargasso sea, xiii. 613  
 Kuango, etc. See Kwa.  
 Kuban river, proposed drainage of the islands in, xiii. 179  
 Kubo valley, Burma, viii. 496  
 Kuchar, Central Asia, ix. 750, xii. 85  
 Kuching, capital of Sarawak, iii. 194  
 Kuet-hua-cheng. See Kuku-khoto.  
 Kuen-Lun range, Central Asia, iv. 614, v. 552, 614, vii. 168, 383, ix. 228, xiv. 207; Grombehevsky's expedition in the, xii. 357, 379, 422, 466; Mountain System of, Wegener, xiii. 692†  
 Kuerahi river, Amboella region, viii. 455  
 Kufra oasis, Rohlf's expedition to, i. 341, ii. 508  
 Kuh-i-Aag bala, Persia, x'i. 584  
 Kuh-i-asmari, Southern Persia, v. 151  
 Kuh-i-dil, or Kuh-i-huma, Southern Persia, v. 160  
 Kuh-i-dinal, Persia, v. 146 note  
 Kuh-i-Dom, Persia, xii. 588  
 Kuh-i-Gugird, Persia, xii. 590, 591  
 Kuh-i-kalah, Persia, v. 146  
 Kuh-i-kelat, Persia, v. 162  
 Kuh-i-Makraj, Persia, x. 629 note  
 Kuh-i-mangasht, Persia, v. 147, 148  
 Kuh-i-mareh, Persia, x. 628 note  
 Kuh-i-rung, or Karun, river, Southern Persia, v. 146, 147. See Karun.  
 Kuh-i-Surd, Northern Persia, v. 66  
 Kuh Kachang, Northern Persia, v. 60  
 Kuh Kadangah, Northern Persia, v. 69  
 Kulu river, South Congo basin, viii. 736, ix. 707  
 Kulu-Niadi river. See Kulu.  
 Kuisip river, S. W. Africa, ix. 511  
 Kukenam mountain, Whitely's journey to, vi. 454, 457; river, vii. 508, 521, 529  
 Kükenthal, Dr. W., explorations in Spitzbergen, ix. 515, xi. 684; Forschungsreise in das europäische Eismeer, xii. 306†  
 Kuku-khoto, China, ix. 233, x. 491, xii. 57  
 Kuku Nor. See Koko.  
 Kulab, Turkistan, vi. 492, 503 and note  
 Kulak glacier, Caucasus, xiv. 114  
 Ku-lang-hsien, Central Asia, xii. 71  
 Kuldja, town of, iii. 163, 164, 165, 167; Clarke on, ii. 489\*; journey from, to Lob Nor, Prejevalsky, i. 147†; to Turfan, Regel, iii. 340\*; journey to, 1880, Dolmar Morgan, iii. 150\*; proposed removal of, iv. 97  
 Kulikoro, From, to Timbuktu, Jaime, xiv. 872†  
 Kullmann, G., school map of the kingdom of Saxony, v. 440  
 Kum, Persia. See Kom.  
 Kumaon, climate of, vi. 69; Life and work in, Kennedy, vii. 53†  
 Kumawu, Dilger's journey to, in 1883, viii. 248  
 Kumbar, height of, Kafiristan, vi. 7  
 Kumkh, Afghanistan, vii. 608  
 Kumki valley, Upper Assam, ix. 26  
 Kummersberg, H., Administrativkarte von Galizien und der Bukowina, iii. 637  
 Kumo-Manytch lowlands, ix. 429 note  
 Kunar river, Hindu Kush, i. 112, 113  
 Kund, Capt., explorations in the Congo basin, viii. 270, 628, 634, 636, 735\*, ix. 338; in the Cameroons, x. 447, xi. 375, 407, 563, 564  
 Kund range, Kafiristan, iii. 284  
 Kunda mountains, South India, 727  
 Kunduz river, i. 248  
 Kunge-Alatau range, Turkistan, x. 640  
 Kunges river, Central Asia, ii. 493; valley of, iii. 343 note  
 Kungmalane plain, Siam, x. 126  
 Kungrad, trans-Caspian region, v. 392  
 Kunia-Geok-tepeh, iv. 223  
 Kuntze, O., Um die Erde, iii. 696†  
 Kur River, Notes on, Houtum-Schin-ller, xiii. 287\*  
 Kurbal district, xiii. 291  
 Kurdistan, journeys in, Binder, x. 178; account of, x. 395†; *id.*, Mrs. Bishop, xiv. 258  
 Kurds in Asia Minor, vi. 313, x. 104  
 Kuren Dagh range, i. 180  
 Kurgan-i-Ghujadai fort, xii. 234  
 Kurla river, Persia, v. 70  
 Kurile islands, Flora of, Nuyabe, xiii. 123†  
 Kurische Nehrung and its inhabitants, Bezenberger, xi. 186†  
 Kurla town, Tibet, ix. 737  
 Kuropatkin, Col. A. N., Les Confines Anglo-Russes, etc., i. 405†; Kashgaria, v. 304†  
 Kuro-Siwo, Japanese current, iv. 180, 181, ix. 98, xiii. 724  
 Kurrahee, Past, Present, and Future, Baillie, xii. 434†  
 Kurram pass, fort, and district, Afghanistan, i. 47-49; routes from, to Ghazni, ii. 561. Valley, iii. 78; rivers, towns, and climate of, i. 618-623; Surveys in, Martin, i. 617\*  
 Kurrand, Northern Persia, v. 71  
 Kurtu river, Central Asia, ix. 426 note  
 Kurtz, Dr., explorations in the Chilean Andes, x. 168, xii. 752

Kuru, or Lihobrak Chu, river, Bhutan, x. 420  
 Kurash, Caucasus, xiii. 315, 319, 322  
 Kurusu mount, South Africa, xii. 347  
 Kusaie islands, viii. 557  
 Kusan, Afghan settlement on the banks of the Hari-rud, v. 6; road from, to Pul-i-Khatun, impossible, v. 17  
 Kúshán pass, Hindu Kush, i. 115  
 Kushk, Afghanistan, v. 4; river of, vii. 562, 565  
 Kushk Rud, Afghanistan, vii. 164  
 Kushunuk, Alaska, iv. 666  
 Kusilvak mountains, Alaska, iv. 664, 665  
 Ku-soa hill, Formosa, xi. 236  
 Kuster, Dr. E., Die deutschen Buntsandstein-Gebiete, etc., xiii. 635 †  
 Kuta river, Central Africa, vi. 291, 292; Heawood on, vi. 344  
 Kut-kashin village, Caucasus, xiii. 327  
 Ku-tsung tribe, viii. 381  
 Kútyka pass, Tian Shan, xii. 668  
 Kuzluk pass, Northern Persia, v. 76  
 Kuznetsk region, Adrianof's explorations in, iv. 110  
 Kuznetzof, M., on the waters of the sea of Azof, x. 596; projected expedition to the Caucasus, xi. 309  
 Kwa, or Bochini, river, Congo basin, vii. 353, 355, viii. 627. See Kwango and Wabuma  
 Kwa-ch'hon town, Corea, v. 279  
 Kwa mouth, latitude of, vi. 743  
 Kwa Mumiya, E. Africa, xiii. 199, 203  
 Kwaja Ali, Afghanistan, vii. 160  
 Kwaja Shahaz Kuh mountains, viii. 139  
 Kwejawata island, New Guinea, iv. 415  
 Kwakwul tribe, British Columbia, xi. 457, 458  
 Kwakwa river, S. E. Africa, vii. 337, xii. 137, 717  
 Kwaia Kupang, Malay Peninsula, iv. 404  
 Kwaia Lumpur, Malay Peninsula, iv. 394  
 Kwa-liang bay, Formosa, vii. 16  
 Kwamatola, E. Africa, iv. 69, v. 397  
 Kwando river, South Central Africa, i. 383. See also Chobe.  
 Kwango river, ii. 648, iv. 703, v. 578, vi. 448, vii. 357-359, 739, ix. 707, 708; exploration of, Grenfell, ix. 239; *id.*, Mechow, iii. 573, (map) vii. 60; position of mouth, and volume of, viii. 628; sketch-map of district between Vivi and, vii. 775; survey of the lower, Menze, (map), xi. 466  
 Kwangsi province, China, iv. 764; trade of, xiii. 258-262  
 Kwangtung province, China, ii. 159  
 Kwang-yen town, viii. 224  
 Kwanza river, W. Africa, iv. 702  
 Kwei-chau province, Baller's journey to, iii. 46  
 Kwei-chau-fu, Sz-chuen, xiii. 330  
 Kwei-hwa-cheng, xii. 57. See Kuku-khoto.  
 Kwei-yang-fu, journey from Canton to, Mesny, ii. 651  
 Kwen-lun. See Kuen.  
 Kwilo river, Lower Congo, iii. 21, vi. 189; trib. of Kassai. See Kuilu.

Kwilo-Niadi river, W. Africa, iv. 512, v. 484, 710, vi. 181, 623, 624, x. 101; Elliott's Expedition to, vi. 656\*  
 Kwito river, Central Africa, iii. 45  
 Kwitu village, Upper Burma, xiv. 166  
 Kwubanne mission station, xiv. 675  
 Kyanyat, Burma, x. 263  
 Kyatpyen tribe, Burma, x. 268  
 Kyendwin river, Burma, vii. 301, viii. 484, 491, 492. See Chindwin.  
 Kyins, or Chins, tribe of, vii. 314  
 Kymore range, viii. 681  
 Kyong-kwi and Kang-won provinces, Korea, viii. 306, 307  
 Kyouk-pandoung mountains, iv. 322  
 Kyr, soil of the Kara-Kum desert, vii. 233  
 Kyrenia range, Cyprus, xi. 705

## L

Laak, Mr. Van, on the origin, etc., of the Oriental Museum at Vienna, ii. 198  
 Labahri, valley of, S. W. Persia, xii. 536  
 Labarthe, M. Ch., on tours in Tongking, vi. 45  
 Labat, J. B., Nouvelle Relation de l'Afrique Occidentale, xiii. 639 †  
 La Biche river and lake, v. 634  
 Lablache, Vidal, wall-maps of, viii. 206  
 Labonne, Dr., Journey across Iceland, ix. 52; L'Islande et l'Archipel des Féroer, xi. 52 †  
 Labore, position of, xi. 646  
 Labrador, coast of, Packard, xiv. 504 †; inhabitants of, x. 203; Journeys in, Holme, x. 189\*, Lacasse, x. 191, Lucas, xiv. 572 †, Peck, ix. 192  
 Labre, Colonel, Exploration between the Beni and Purus rivers, xi. 496\*; in Brazil, xii. 382  
 Labryère, M., journey in the Soudan, i. 591  
 Labuan, island of, North Borneo, iii. 205  
 Laca-Ahuira river, Bolivia, iv. 672, 673  
 Lacondon, Rio, Guatemala, v. 196  
 Lacasse, Père, journey in Labrador, x. 191  
 Lacaze, H., Souvenirs de Madagascar, iv. 247 †  
 Laccadive islands, population of the, xiii. 612  
 La Combe, E. de, Expedicion al Rio Azupizu, xiv. 504 †  
 Lacondones, settlement of, Guatemala, v. 45, 202  
 Lacouperie, Prof. A. T. de, on the Chins of Burma, vii. 314; Did Cyrus introduce Writing into India?, x. 610 †; the Miryeks or Stone-men of Corea, x. 610 †; the Old Babylonian Characters, x. 610 †; the Old Numerals, etc., x. 610 †; the Sinim of Isaiah not the Chinese, x. 610 †; the Yueh-ti and the Early Buddhist Missionaries in China, x. 610 †  
 Ladák range, Himalayas, v. 612, 615

- Ladó, position of, xi. 644, 646  
 Lady Franklin bay, American expedition to, for meteorological observations, Greely, iii. 735, iv. 171, 570, 690, v. 378, 602; Report on the same, xi. 317 †  
 Læerne, C. F. Van Delden, Brazil and Java, vii. 488, 620 †  
 Laessoe, Capt. F. de, Caves and Ruins at Penjideh, vii. 583 \*  
 La Favière, P. A., De Cannes à Gènes, i. 283 †  
 Laffan, Major-Gen. Sir R. M., obituary of, iv. 314  
 Laffamme, Rev. J. C., on the lower basin of the St. Lawrence and the lake region of Labrador, vi. 681  
 La Fon, village of, China, v. 173  
 Lafone y Quevedo, S. A., Lóndres y Catamarca, xi. 59 †  
 Lagbe, latitude of, x. 162  
**Lagos—**  
 Additions to the British Protectorate of, xiii. 685  
 Commercial geography of, xi. 628  
 Correspondence respecting the War in, x. 50 †  
 Extent of colony, vi. 620  
 Harbour of, xiii. 579  
 Inland water communication in, sketch map of, ix. 529  
 Journey from, up the Niger, Rev. J. Milum, iii. 26 \*  
 Notes on Yoruba and, Moloney, xii. 596 \*  
 Lahontan, Lake, Geological History of, Russell, ix. 321 †  
 Lahoo tribe. See Moosur.  
 Lahori range, i. 112  
 Lahu river, W. Africa, xii. 167, 168  
 Laidlaw, Mr., on the climate of the State of Oregon, xi. 505  
 Laillet, E., carte de Madagascar, vii. 193, xii. 55  
 Laing, A. G., journey to Timbuktu, iii. 316  
 Laird & Oldfield, Messrs., ascent of the Benue, xiii. 449  
 Lajhwar tribe, Afghanistan, i. 634, 643  
 La Joya, altitude of, Peru, xii. 229  
 Lakpyang, Upper Burma, xiv. 167  
 Lake basins of the Pyrenees, Belloc on, xiv. 630  
 Lakeral Kotal, Afghanistan, i. 626, 629; Martin's ascent of, i. 631  
 Lakes of France, Delbecq's survey of, xiv. 556  
 Lakman, ruins of, Turkestan, vi. 506 and note  
 Lallemand, Ch., on correcting levellings in mountainous countries, xi. 558; Tunis et ses environs, xii. 437 †; La Tunisie, xiv. 807 †  
 Lallemand, Avé. Estudio Orografico en la Cordillera de Mendoza, ix. 715 †; map of the province of San Luis, v. 630  
 Laloke, valley of the, New Guinea, v. 355  
 Lama An len peak, xiv. 616  
 Lama, work of the, in S.E. Tibet, viii. 428, 429  
 Lamag river, North Borneo, x. 3  
 Lamas, P.S., on the economic situation of the Argentine Republic, vi. 97  
 Lamas river and gorge, Cilicia Trachcia, xii. 450, 452  
 Lamas, the Land of the, Rockhill, xiv. 60 †  
 Lánathologa range, Tibet, vii. 72  
 Lambay or Lieu-Kieu island, Formosa, vii. 8  
 Lambert, C. and S., Voyage of the *Wanderer*, vi. 173 †  
 Lambert, M., purchase of Obok by, vii. 108  
 Lambton, Major, survey work in India, vii. 677, 678  
 La Merced, Central Peru, xiv. 385  
 Lamington, Lord, Journey through the Shan States, xiii. 701 \*  
 Lamothe, M. de, on changes of level in the bed of the Nile, ii. 585  
 Lan, L., plan de la Commune de Marseille, etc., ii. 203  
 Lanai, population of, vii. 462  
 Lan-chau-fu district, xii. 64-68  
 Land divisions, area of the great, Levasseur, xiv. 629  
 Land, the architecture of the, Geikie on, i. 430; materials of the, *id.*, i. 425  
 Landaka, W. Africa, iv. 243  
 Landana, W. Africa, vi. 181, 622, 623  
 Landau, Baron von, Travels in Asia, Australia, and America, x. 744 †  
 Landeen tribe, viii. 81  
 Lander, Richard, ascent of the B. nue, xiii. 449  
 Lanessan, J. L. de, La Colonie d'Obock, viii. 344 †; La Tunisie, ix. 649 †; L'Expansion Coloniale de la France, ix. 60 †; L'Indo-Chine Française, xi. 512 †  
 Lanfranconi, E., Rettung Ungarns vor Ueberschwemmungen, iv. 440 †  
 Lang, R. H., Cyprus: its History, etc., i. 283 †  
 Langar village, Chinese Turkistan, xiv. 782  
 Lange Berg Bushmen, viii. 439  
 Lange, H., Karte von Sud-Brasilien mit Eisenbahnen, xiv. 67  
 Langegg, F. A. J. v., Old Cairo, vii. 346 †; El Dorado, xi. 189 †  
 Langen, Capt. G., the Key, or Ké, islands, x. 764 \*  
 Langenbeck, Dr. R., Die Entstehung der Koralleninseln, etc., xiv. 134 †  
 Langle, Adm. Fleuriot de, death of, iii. 570  
 Langle, M. de, discovery of remains of, at Tutuila island, v. 426  
 Langier, J. R., Hughes's Picturesque Geographical Readers, x. 256 †; remarks at evening meetings, viii. 120, 203; on prizes to students of training colleges, x. 469

- Langlois, M. A. D., prize awarded to, by Paris Society, v. 358
- Langson, Tonking, xiii. 251, 252; caves and grottoes in rocks about, viii. 235, 245; routes to, and town of, viii. 228, 232, 233
- Language and Ethnography, Leitner, xiii. 242 †
- Languages, Tourist's and Student's Manual of, Slack, xiii. 572 †
- Lanier, S., Florida, vii. 491 †
- Lani La Pass, Tibet, vii. 69
- Lannoy De Bissy, Major R. de, on Recent French Explorations in the Ogowe-Congo Region, viii. 770\*; map of Africa by, *see* Africa
- Lansdell, Rev. H., Through Siberia, ii. 643, iv. 119 †; journeys in Central Asia, v. 98, 669; Russian Central Asia, vii. 484 †; Through Central Asia, etc., x. 49 †
- Lansdowne, Lord, speech at anniversary dinner, v. 425
- Lan-Tsang river, v. 664, 665, vii. 75, 308, 309. *See also* Mekong
- Lao-ho-kau, xii. 62
- Lao-pai Shan, or Old White Mountain, ix. 541, 542
- Laos Shans, *the*, v. 673
- Laos tribes, Archer's notes on, vii. 745; slave trade in, v. 429
- La Paz, Bolivia, v. 335, *et seq.*, xiii. 49; inhabitants of, v. 344; river of, v. 314, 323, 341, 343, xiii. 49
- Lapérouse centenary meeting of Paris Geographical Society, x. 471
- La Pérouse, Mount, Alaska, height of, ix. 279
- Lapierre, M., explorations round Tete, iv. 419
- Lapland—  
Journey in, Bukharoff, viii. 533 †; Rabot, iii. 759, iv. 105, 768  
Murman coast of, Podgaetsky on, xiii. 187  
Russian, ii. 278; Notes on, Temple, ii. 593\*; exploration in, x. 454; Journey in, Rae, iv. 116 †; Notes on, Temple, ii. 93\*  
Swedish, mountains of, Brock on, viii. 58; Svenonius's explorations of, x. 454  
Tourist in, Koechlin-Schwartz, iv. 700 †  
Voyage on the coasts of, Temple, ii. 273\*  
Winter in, Baschin on a, xiv. 500
- La Plata, Geographical and Historical Dictionary of, Fregeiro, i. 285 †; the Land of, Friedrich, vi. 426 †; the Naturalist in, Hudson, xiv. 504 †
- La Plonge river, Athabasca, v. 646
- Lapps, *the*, their Origin, etc., Keane, vii. 833 †
- Laptief, Lieut., Arctic expedition of, i. 19
- La Puente, Dr., Estudio Monografico del Lago Titicaca, xiv. 504 †
- Lapworth, Prof., the Heights and Hollows of the Earth's Surface (Address to Geol. Sect., Brit. Ass.), xiv. 588\*, 876 †
- Lar river, Persia, v. 63
- Larat island, Timor Laut, formation of, vi. 121
- Larcom, Sir T. A., obituary of, ii. 417
- Lardner, Col. J., obituary of, v. 389
- Larecna river, tributary of Beni, v. 314
- Largeau, V., Le Pays de Rirha, Ouargla, Voyage à Rhadamès, i. 741 †
- Lark, surveying ship, in the Indian Ocean, v. 593
- Larnaca, Cyprus, i. 97, 98, xi. 715
- Larochette and Mayer, grand planisphere terrestre, ii. 400; map of the world, v. 115
- Laroki river, New Guinea, xii. 211
- La Ronge, Lake, Athabasca, v. 645
- Lavrien, Abbé, La Grande Muraille de Chine, x. 315 †
- Larsen, M., journey in Siberia with the *Jeannette* search expedition, v. 107
- Lasaulx, A. von, Sicilien, i. 537 †; Der Aetna † (from the MSS. of Dr. Sartorius), ii. 520, iii. 58
- Las Beyla, Beluchistan, xiii. 173
- La Selve, Ed., Le Pays des Nègres, iii. 505 †
- Lassailly, C., carte spéciale du Maroc, xiv. 269
- Last, J. T., on the tribes of East Africa, i. 788; founds new station at Mamboia, iii. 223; Journey into the Nguru Country, iv. 148\*; notes and report on the Masai, iv. 224, v. 380; Visit to the Masai beyond the Nguru Country, v. 166, 517\*; to Wa-Itumba Ironworkers, v. 581\*; grants of instruments to, v. 415; remarks on East Africa, vii. 452; Outubert Peek Grant awarded to, vii. 478; Expedition to the Nanuli Hills, vii. 455, 671, viii. 99, 328, 431, 781, ix. 42, 188, 340, 467\*; map of Eastern Africa, xii. 223, 224
- Lataband pass, Safid Koh range, i. 42
- Latimer, S. F., the English in the Canary Isles, etc., xi. 254 †
- Latimer, T., a Summer Climate in Winter (Teneriffe, etc.), xi. 254 †
- Latium, wall-map of ancient, Kiepert, x. 545
- Latpari pass, Caucasus, vii. 598, x. 327
- Latzina, F., Geografia de la Republica Argentina, x. 742 †; Diccionario Geografico Argentino, xiii. 741 †
- Lau, Benue river, xiii. 460
- Laughlan islands, Macgregor's visit to, xiii. 177
- Lauridsen, P., Vitus J. Bering og de Russiske opdagelsesreiser, etc., viii. 404 †
- Laurie, Col., Ashe Pyee, the Superior Country, etc., iv. 246 †
- Lauser, Dr. W., Herbstaussflug nach Sicbenbürgen, viii. 274 †
- Lavoley, E. de, La Péninsule des Balkans, and Engl. translation, ix. 315 †

- Lavigerie, Mgr., expedition to Central Africa, i. 453
- Lavigne, M. G. de, on altitudes of railways in Spain, i. 806; on guarantees for protection of authors, etc., vii. 304, 395
- Law, E. F., on trade routes in Persia, xi. 242
- Law, Père, positions of places in South Africa, ii. 367; expedition to Umzila's country, iii. 177, 306; death of, iii. 423
- Lawa race, viii. 7, 8, 499, 500
- Lawa river, Guiana, xiii. 565
- Lawas river, Borneo, v. 721
- Lawes, Rev. W. G., Notes on New Guinea and its Inhabitants, ii. 602\*; explorations in S. Eastern New Guinea, iv. 160, v. 355
- Lawrence, E., the Progress of a Century, ix. 134†
- Lawrence, Lord, obituary of, ii. 417
- Lawrence, Mr., on the formation of a Liverpool geographical society, xiv. 50
- Lawrence, the, Indian coast surveys of, xiii. 611
- Laws, Rev. R., Journey along the Western side of Lake Nyasa, 1878, i. 305\*; expedition to its N.E. end, iii. 42; work on Lake Nyasa, iii. 660; station at Mombera, iv. 686; the Tshigunda Language of the Lower Zambesi, ix. 58†; Concord, etc., of the Chinyanja Language, ix. 58†
- Lawson river, vii. 359. See Lefini.
- Lawson, W., Manual of Modern Geography†, ii. 202, 346
- Lawson, W. R., Spain of To-day, xii. 300†
- Layard, Mrs., Through the West Indies, x. 110†
- Layard, Sir Henry, Early Adventures in Persia, etc., x. 49†; travels in South Western Persia, xii. 552
- Lea, Rev. T. S., the Island of Fernando do Noronha in 1887, x. 424\*
- Leaders into Unknown Lands, Montefiore, xiv. 134†
- Leaf-cutting ant of Uruguay, ii. 683
- Leake, Lieut.-Col., map of Lower Egypt, iv. 710
- Léal, F. A., La République Dominicaine, xi. 189†
- Leared, A., Visit to the Court of Morocco, i. 345†; Morocco and the Moors, xiii. 568†; obituary of, i. 802
- Lebanon, Geology of, Fraas, i. 147†; Physical Geography and Geology of, Diener, ix. 259
- Lebedeff, Maj.-Gen., on the triangulation of Bessarabia, vi. 474; of Bulgaria, xi. 391; geodetic work in Bulgaria, xi. 312
- Leblanc, L., le Havre et ses environs (map), ix. 655
- Lebombo range, Transvaal, x. 439, 446
- Lebon, A., France as it is, transl. Arnold, xi. 52†
- Lebour, G. A., geological map of Northumberland, i. 480; Geology of Northumberland and Durham, ix. 57†
- Le Bruat, the, visit to the island of Vanikoro, v. 741
- Lebui river, position of mouth, and volume of, viii. 628
- Lechuana pool, viii. 441
- Lecky, Mr., Remarks at the Dinner to Mr. Stanley, xii. 497; at the anniversary dinner, xiv. 498
- Leclercq., J., Le Tyrol et le Pays des Dolomites, ii. 269†; Voyage aux Iles Fortunées (Canaries), ii. 782†; the Sea of Ice, v. 48†; journey to the ruins in Mexico, vi. 478, vii. 50; Voyage au Mexique, vii. 618†; La Terro des Merveilles, viii. 407†; its Geysers, vii. 771†; Les Monuments de Samarcande, xii. 244†; Du Caucase aux Monts Alai, xii. 502†; Voyage au Mont Ararat, xiv. 503†
- Lecomte, Père, explorations in West Africa, x. 248
- Le Conte, J., Flora of the Coast Islands of California, x. 51†; oil mills at Diego Garcia, viii. 387
- Lectures at the exhibition of geographical appliances, viii. 16, 121, 193, 198
- Lededi lake, East Africa, v. 398
- Ledoux, Ch., on African expeditions, vii. 49, 193, 393, 399; on the new French station in Central Africa, vii. 252
- Leech, W. C., explorations in Eastern Péraik, vi. 634
- Leeder, E., wall map of the Alps, v. 748; of Europe, viii. 136
- Lees, J. A., Ramble in British Columbia, xi. 59†
- Leesaw tribe, Burma, vii. 315, x. 269
- Leeuw, Cape, survey in the district of, Western Australia, v. 597
- Lefebvre, Lieut., visit to the Galla country, vi. 258
- Lefebvre, P., Souvenirs de l'Indo-Chine, viii. 671†
- Lefevre, Sir J. Shaw, death of, ii. 402
- Leftert glacier, viii. 165
- Lefini, or Lawson, river, W. Africa, vii. 359, 455, viii. 629
- Lefroy, G. S., Sketch map of Perak, xiv. 733
- Lefroy, Gen. Sir J. H., Memorials of the Discovery, etc., of the Bermudas, i. 406†; address to British Association, 1880, ii. 574, 1884, vi. 583; on the importance of Hudson's bay, iii. 582; History of the Bermudas, edited by, iv. 577†; on Lake Athabasca, v. 644; Diary of a Magnetic Survey in Canada, vi. 104†; on the depth of frozen soil in the Polar regions, vii. 761; Report on the same, viii. 740\*, ix. 769\*; remarks at evening meetings, v. 42, 203, 204, 516, vi. 132, 134, vii. 123, 126; obituary of, Hooker, xiii. 115
- Lefroy, Mount, Rocky Mountains, xi. 155
- Léger, L., La Save, Le Danube, et Le Balkan, vi. 168†



- Legge, J., a Record of Buddhistic Kingdoms, translated by, viii. 671 †
- Légha Galla tribe, iv. 44
- Leguat, Fr., the Voyage of, to Rodriguez, etc., xiv. 428 †
- Lehmann, Dr. R., x. 668 (see Kirchhoff); on geographical education, vii. 673
- Leichhardt, Dr. L., expedition in Central Australia, Search for the relics of, ii. 375, iii. 566; reported discovery of, iii. 227; Briefe an Seine Angehörigen, edit. Neumayer and Leichhardt, iii. 638 †
- Leif's voyage to Vinland, vii. 31. See Erikson.
- Leila falls, Rio San José, x. 69
- Leila summit, Sella's photograph of the view from, xii. 97
- Leipzig, Geographical Society of, proceedings of, i. 807, ii. 69, 138, 198, 322, 323; plan of, Hetzel, ix. 463
- Leith, navigation schools at, iv. 304, xiv. 34
- Leitner, Dr., remarks at evening meetings, vi. 15, xiii. 422; on the Sciences of Language and Ethnography, xiii. 242 †
- Lei-yang, China, ii. 159
- Lejeune, Dr., account of the Crevaux expedition in S. America, iii. 243
- Lekegian & Co., photographs of natives and Scenery of Egypt, xiii. 700
- Leketi, position of, ix. 189
- Leksur glacier, length of, xiv. 111
- Lelarge, G., Les Voies de Communication du Monténégro, xiv. 722 †
- Lélé island, Caroline Archipelago, iv. 93; remarkable ruins at, viii. 558
- Lella Kredija, Algiers, xiii. 111
- Le Long, M. J. de, on immigration and emigration in the Argentine Republic, xi. 556
- Léman, Lake, Account of, Forel, ix. 258 †. See Geneva.
- Le Mans, map of, iv. 775
- Le Marinel, Lieut., exploration of the Lomani, xiii. 37; on the Mobangi, xiii. 176; expedition to Katanga, xiv. 178
- Lemberg, geological map of the environs of, Tietze, iv. 447
- Lemercier, map of Europe, i. 228
- Le Messurier, Col., from London to Bokhara, etc., xiii. 52 †; photographs of the Black Mountains, etc., xiii. 576
- Lemire, C., Carte de la Nouvelle Calédonie, i. 137; La Colonisation française en Nouvelle-Calédonie, i. 223 †; discovery of carved Annamite panels, vii. 393
- Lemos, A. M., Compendio de Geografia da Republica de Colombia, x. 110 †
- Le Moyne, A., La Nouvelle Grenade, ii. 394 †
- Lemström, Prof., on the Finland Observatory, v. 390
- Lena Delta, expedition to, Bunge and Von Toll, viii. 393; in the, Melville, vii. 261 †; Russian meteorological station in, iv. 91, 570, v. 231, 390; observations at the same, Eigner †, viii. 749, ix. 522
- Lendenfeld, Dr. R. von, ascent of Mount Cook, vi. 62; Karte der Neuseeländischen Alpen, vi. 614; explorations in the Australian Alps, vii. 248; viii. 192, (and those of New Zealand), xi. 251; the Glacial Period in Australia, ix. 208 †; map of routes in South-East Australia, ix. 529
- Lenjan valley, Upper and Lower Persia, v. 144
- Lenk, Dr. H., geological studies in the highlands of Oaxaca, Mexico, xi. 384
- Lennard river, North-West Australia, v. 723
- Lenormant, F., La Grando-Grèce †, iv. 115, vi. 254
- Lenthéric, Ch., La Province Maritime, Ancienne et Moderne, i. 809 †
- Lenz, Dr. O., Reise vom Okandeland, etc., i. 150 †; Skizzen aus Westafrika, i. 150 †; explorations in the Western Sahara, and visit to Timbuktu, ii. 196, 432, 518, 519, 777, 778, iii. 317, 371, v. 239, vi. 589; Timbuktu, vi. 683 †; on the mountains of the Lower Congo, v. 286; expedition to the Congo basin, and attempt to relieve Dr. Junker, vii. 241, 339, 380, 742; viii. 330, 453, 596, 616, ix. 49, 114, 190, 240, 340
- Leocadie islands, New Guinea, ix. 72
- Leonardo da Vinci e le Alpi (with facsimile map) Uzielli, xiv. 345 †; Alpine notes of, Freshfield, vi. 335 †; journey in Asia Minor, vi. 323, 324
- Leopardus marmoratus, Borneo forests, v. 95
- Leopold, Lake, East Africa, Johnston's visit to, xii. 225, 226. See Rukwa.
- Leopold II., lake and river, West Africa, v. 578, 702, viii. 627, 628
- Leopold ranges, Australia, v. 723
- Leopoldville, Stanley Pool, iv. 687, v. 574, 575, vi. 191, 743, ix. 190
- Lépervanche, P., Carte de l'île de Réunion, vii. 414
- Le Plongeon, A., on the tribes of Central America, ii. 580, 581; Sacred mysteries among the Mayas and Quiches 11,500 years ago, xiii. 240 †
- Lepper, C. H., on an overland route to China, etc., iv. 623; the Lu river of Tibet, ix. 373
- Lepsa river, Central Asia, iii. 156, xiii. 209
- Lepsius, R., Das westliche Süd-Tirol, geologisch dargestellt, i. 283 †; Geologie von Deutschland, x. 803 †
- Lep'sy's Grammar, etc., Language of Béarn, transl. Molyneux, x. 538
- Lequès, M., researches in New Caledonia, etc., v. 236
- Lérin, G. de, L'Italie du Nord, xi. 115 †
- Leroux, M., award of Paris Society's prize to, vii. 251
- Leroy-Beaulieu, Prof. P., Colonisation chez les peuples Modernes, xiv. 839 †
- Lesau, Persia, v. 66

- Lesbos Island, Itinerary in, Kiepert and Koldewey, xiii. 183†; maps of, *id.*, xii. 369
- Leaghtian race, Caucasus, xiii. 313
- Leshmel pass, height of, vii. 598
- Leslie, David, among the Zulus and Amantongas, i. 204†
- Leslie, R. C., Life aboard a British Privateer in the time of Queen Anne, xi. 124†
- Lesquereux, Prof. L., on the treelessness of the American prairies, xiv. 80
- Lessar, M., Journeys in Turkomania, iv. 486\*, 566, v. 1\*, 43, 232, vi. 474; survey for the Trans-Caspian railway, iv. 216; journey in the mountains of Dereghez and Kelat, v. 175; survey in Afghanistan, v. 382; on the ancient bed of the Oxus, v. 561; on the Kara-kum Desert, vii. 231\*; remarks at evening meetings, vii. 286, 292, 582; on the Afghan-Russian frontier, viii. 273
- Lesseps, M. F. de, on French explorations in Africa, iii. 500; addresses to Paris Geographical Society and Congress, iv. 284, v. 44, xi. 554; visit to the R. G. S., iv. 735; on the Panama Canal, (and Suez Canal) vi. 93, vi. 478, x. 665; on his visit to the same, viii. 471; on the locks of the same, x. 241; on French rights in the Red Sea, vi. 160
- Lesson, A., Les Polynésien<sup>s</sup> †, ii. 142, vi. 484
- Lestrade, P., Géographie du Département de la Corrèze, xiv. 866†
- Le Strange, Guy, Palestine under the Moslems, xiv. 131†
- Letaille, M., archaeological mission in Tunis, vi. 477, 478
- Lethbridge, Sir Roper, editor of Thornton's Gazetteer of India, viii. 535
- Letroune, A. J., Œuvres Choiesies de, v. 308†
- Letts, Son and Co., atlases by—classical, vii. 272; popular, iii. 126, v. 440, vi. 488, xi. 196; school, of modern geography, vii. 272
- Leuty, Captain, shoals discovered by, v. 752
- Leuzinger, R., maps by—Canton of Aargau, iii. 524; France, physical and geographical, ii. 656, vii. 350; Switzerland, v. 435, viii. 412; *id.*, relief, vi. 753
- Levant, History of trade of, in Middle Ages, Heyd, i. 809; Visit to Monasteries in, Curzon, ix. 264†
- Levasseur, E., possessions et colonies Françaises (map), i. 410; La Terre (map), ii. 80, vii. 349; La Statistique Officielle en France, vii. 616†; on territory in dispute between France and Brazil, viii. 60; La Statistique, viii. 281†; population of the earth, ix. 763; Les Alpes et les Grandes Ascensions, xi. 185†; petit atlas de la géographie économique, etc., du Monde, xi. 323; on the area and population of Ethiopia, xi. 677, of European countries, xiv. 466†
- Le Libreville, position of, ix. 189
- Libyan Desert, iv. 630; Exploration of, Rohlf, v. 678†; map of western part of, Berloux, vii. 60; Observations on map of Journey in, Aschersen, vii. 486†
- Levasseur, E.—continued—  
 Brésil †, xi. 751, xiv. 133; Grand Atlas de Géographie Physique et Politique, xii. 776, xiv. 884; on the influence of physical geography upon the population of England, etc., xiv. 317; Superficie et Population des États de l'Europe, xiv. 501†; Division de la Terre en cinq parties du monde, xiv. 578†; Note sur la Méthode d'enseignement de la Géographie, xiv. 876†
- Level, A. A., Nomenclator de Venezuela, ix. 526†
- Lévesque, Père, journey to Uganda, ii. 692
- Levy, G. C., Handy Guide to the River Plate, etc., xii. 641
- Lévy, P., on the gold-mines of French Guiana, vi. 46
- Lewin, Lieut.-Col. T. H., trade routes from Bengal to Tibet, i. 680
- Lewis, E. M., Physical Geography, ii. 202†
- Leycester, Captain E. M., obituary of, xi. 423
- Leyland, R. W., Round the World in 124 Days, ii. 462†
- Leys, M., travels in North-West Borneo, v. 721
- Leyst, E., Meteorologischen Beobachtungen in Russland and Finland, ix. 458†
- Lhasa, city of, Tibet, vii. 67, et seq.; roads to, xii. 70; Rockhill's attempt to reach, xi. 730\*
- Lhobra river, viii. 429
- Lhobrak or Kuru Chu river, x. 420
- Lhokalo or Lhoyul, rice-producing country, vii. 313
- Lhokba or Lhokaba tribe, vii. 313, 314
- Liabijai, village of, viii. 36
- Liakov or New Siberian islands (q.v.), Toll and Bunge in the, ix. 577, 578, x. 414
- Liambai river, S. Central Africa, i. 485
- Lian Gobi, or Ala-shan plain, xii. 71
- Liangar village, viii. 41
- Liang-chau, Central Asia, xii. 71
- Liang-kian bay, Formosa, vii. 11
- Liang-shan Hsien, China, i. 493
- Liau-tung province, ix. 531, 532, 562
- Liazi river, E. Africa, vii. 651
- Libbey glacier, Alaska, xi. 428
- Liberia, extent and trade of, vi. 619; free republic in, vii. 226; History of the foundation of, Wouvernans, viii. 61†; United States consul's report on, vi. 580
- Libikina, New Guinea, xiv. 863
- Library and map room, donations to, 1878, i. 139
- Library of R. G. S., reports on, i. 463, ii. 444, iii. 430, iv. 429, v. 412, vi. 414, vii. 471, viii. 463, ix. 451, x. 464, xi. 446, xii. 483, xiii. 500, xiv. 482
- Libreville, position of, ix. 189
- Libyan Desert, iv. 630; Exploration of, Rohlf, v. 678†; map of western part of, Berloux, vii. 60; Observations on map of Journey in, Aschersen, vii. 486†

- Licheza river, E. Africa, vii. 654  
 Lichtenberg, town of, viii. 66  
 Lidedi lake, E. Africa, v. 398, vii. 433  
 Lidsky, M., journey in Kamteghin, x. 534; in Turkestan and Bokhara, 1887, Report on, xi. 392 †  
 Liebenow, W., maps by—Africa, viii. 676; Central Europe, vi. 107, 447; Riesengebirge, vii. 697; Turkey in Europe, viii. 63  
 Liebescher, G., Japan's landwirthschaftliche, etc., Verhältnisse, iv. 443 †  
 Lieder, Dr., on the coal deposits of Itule, Rovuma River, xiv. 719  
 Liegard, Stephan, La Côte d'Azur, x. 736 †  
 Liemba, harbour, Tanganyika, iv. 16  
 Lien-kien or Lambay island, Formosa, vii. 8  
 Lèvre, D., Honolulu et l'Île d'Oahu, xiv. 875 †  
 Litidzi river, Central Africa, xii. 152  
 Lightning Conductors, Anderson, viii. 211 †  
 Likonyi or Elgon mountain, E. Africa, vi. 401, 708; route from, to Njemsi, iv. 746  
 Liguria, geological map of the coasts of, x. 56; topographical map of, xi. 193, 702  
 Likamasia. See Kamasia.  
 Likangala river, Central Africa, ix. 177  
 Likona-Mbunga river, viii. 629  
 Likugu river, Mozambique, iv. 599, vi. 642, 727-735  
 Likulwe river, Central Africa, xiv. 42  
 Likwa. See Rukwa.  
 Likwenu river, East Africa, x. 25  
 Lille, geographical conference at, xiv. 555  
 Lima, geographical society at, x. 384, xiv. 50, 392; description of the department of, Vergara, i. 813 †  
 Lima, M., expedition to the Cunene, i. 272  
 Limay river, Argentine republic, iii. 593; exploration of the valley of, Rohde, iii. 234  
 Limbi lake, Central Africa, ix. 43, 439  
 Linika, Captain, description of ice in the Kara Sea, v. 662  
 Limpopo river, S. Africa, vi. 31, xiii. 374; Chaddock's visit to the, vii. 241  
 Lin-ching, Southern China, xiii. 252  
 Lincoln, Lake, of Livingstone, Heawood on, vi. 91  
 Lincoln, Pocket Guide to, Anderson, ii. 654 †  
 Linde, F., map of the tea-producing districts in India, ii. 333  
 Linde glacier, New Zealand, vi. 61, 63  
 Lindeman, Dr., on the Chilcat country, etc., xiii. 295; on the denudation of Heligoland, x. 712  
 Lindi, Last's journey from, to Blantyre, xii. 224  
 Lindley, John, the Vegetable Kingdom, viii. 132 †  
 Lindley, W., California of the South, x. 397 †  
 Lindmann, Dr. M., on the wood maps of Greenland, viii. 339  
 Lindsay, David, explorations in Arnheim Land, vi. 290; in Central Australia, viii. 647; Expedition across Australia, in, 1885, 1886, xi. 650 \*; second journey across Australia, x. 711; great Australian expedition under, xiii. 364, xiv. 48  
 Lindt, J. W., photographs of the new Hebrides, xiii. 448  
 Lingah, Vaughan's journey from, to Bájislán, xii. 577 \*  
 Ling-Nam, Views of Southern China, etc., Henry, viii. 474 †  
 Linguistic and Oriental Essays, 1847-1887, Cust, ix. 720 †  
 Lingzi-tang plateau, Tibet, ix. 352  
 Linhares village, Rio Dóce, x. 68  
 Linnaeus's labours in botanical geography, iii. 598  
 Lintippe river, Lake Nyasa, i. 309, 320, xii. 152  
 Lipu Lek pass, Himalayas, xiii. 418  
 Lipumbula mountain, E. Africa, iv. 71  
 Liqwali river, E. Africa, vii. 663  
 Lisbon, Geographical Society of, organization of, ii. 638; proceedings, iii. 113, iv. 62  
 Lishehe, S.E. Africa, v. 399, 400  
 Lisiansky, W., Voyage Round the World, xiii. 309 †  
*Lissochilus giganteus*, orchid, W. Africa, v. 697  
 Lista, Don Ramon, Viaje al país de los Tehuelches, Patagonia, i. 479 †; discovery of the sources of the Chico, i. 683; La Patagonia Austral, ii. 201 †; exploration of Patagonia, ii. 511; Exploracion de la Costa Oriental de la Patagonia, ii. 709 †; Exploraciones y Descubrimientos en La Patagonia, iii. 248 †; El Territorio de las Misiones, vi. 609 †; journey in Central Patagonia, viii. 60; to Tierra del Fuego, ix. 384, 456; Viaje al País de Los Onas, Tierra del Fuego, x. 542 †  
 Lister, J. J., on Christmas island, x. 624; Visit to the newly emerged Falcon Island, xii. 157 \*  
 Lisungwe river, Central Africa, xii. 150  
 Litang, A.—K's journey from, to Sama, vii. 318, 319  
 Litembwe river, Central Africa, xii. 745  
 Littete's village, Central Africa, ix. 180  
 Little, A. J., Through the Yangtze Gorges, x. 252 †  
 Little, Mrs. A., photographs of the Yangtze gorges, xii. 443  
 Little, Mr., explorations in North Borneo, x. 143  
 Little, Rev. H., Madagascar: its History and People, vii. 55 †  
 Littledale, St. George, Journey across the Pamir, xiv. 1 \*  
 Littus, magnum and parvum, of Ptolemy, xiii. 546  
 Lituya bay, Alaska, ix. 279  
 Liuyi river, Central Africa, xii. 154, 155

- Liverpool, formation of geographical society at, xiv. 49; navigation schools in, iv. 303, xiv. 407
- Livingstone, Dr., discoveries in Africa, iii. 685, 687, 689; and the exploration of Central Africa, Johnston, xiii. 635†; Lake Lincoln of, Heawood on, vi. 91; Personal life of, Blaikie, iii. 62†
- Livingstone (Congo) inland mission, iii. 176, 360; expedition to Stanley Pool, iv. 44, 294; at Kintamo, vi. 75
- Livingstone, or Konde, ranges, Central Africa, i. 322, iii. 258, vii. 333, xiii. 86
- Livingstonia, Lake Nyasa, iv. 226, 227, ix. 182, 183; work of the mission at, i. 303, 304; desertion of, viii. 83, 87
- Livinbac, Pere, expedition to Central Africa, i. 513
- Livumbu river, Central Africa, ii. 618
- Ljassil pass, height of, vii. 598
- Llanos, On the, Sachs, i. 78†
- Llaura river, Bolivia, iv. 673
- Llomakin, General, route to Kizil Arvat of detachment of, i. 172, *et seq.*
- Loanda, St. Paul de, W. Africa, v. 469, 692, 696; African Society at, iv. 114; chart of the coast of, viii. 415; railway from, to Ambaca, xiv. 803
- Loange river, Congo basin, vii. 739
- Loango, W. Africa, v. 695, 705, vi. 181, 623, ix. 189; German expedition to, Güssfeldt, Falkenstein, and Pochuel-Loesche†, i. 149, 478, iv. 324; Meteorological results of the same, von Danckelman, i. 149†; observations on the coast of, Alexanderson, ii. 707
- Loangwa river, Lake Nyasa, i. 301
- Loangwa river, trib. of Zambesi, v. 659, 690; Journey to the, Sharpe, xii. 744\*
- Loanja river, Middle Zambesi, xi. 220
- Loenge river, Middle Zambesi. See Luengue.
- Lob district, Central Asia, people of, ix. 737; Bonvalot on, xii. 235; mountain ranges south of, Morgan on the nomenclature of, xi. 375
- Lob Nor, Central Asia, iv. 615, 617; description of, vii. 807; Expeditions to, Grijmailo, xiii. 208\*; Prejevalsky, i. 124, ix. 214, 229; Széchenyi, i. 595
- Lobai river, Mobangi river, xi. 330
- Lobengula, king of Matabeli-land, i. 243, 511, viii. 67
- Lobi falls, viii. 631
- Lobito, Bahia do, Plano hydrographico da, xiv. 67
- Lobley, J. L., Mount Vesuvius, xi. 748†
- Loch-nam river, viii. 220, 229
- Lock, A. G., Gold, its Occurrence and Extraction, v. 50†
- Lock, C. G. W., the Home of the Eddas, i. 477†
- Lock, W. G., Askja, Iceland's Largest Volcano, iii. 471\*, iv. 387†; on the extent of the lava flood in Iceland, iii. 741; on Peck and Morgan's journeys in Iceland, iv. 146; Guide to Iceland, iv. 388†
- Lockhart, Col. W., remarks at evening meetings, ii. 163, iii. 206; expedition to Gilgit, vii. 541
- Lockwood, E., Natural History, Sport, and Travel, i. 77†
- Lockwood, Lieut. J. B., high northern latitude attained by, vi. 466, 595, viii. 159, 175, 176
- Lockyer, J. Norman, Outlines of Physiography: the Movements of the Earth, ix. 720†; remarks at anniversary dinner, xiv. 498
- Locusteanu, O. T., Societatea Geografica Română, xi. 566†
- Loczy, Herr, on the Upper Mekong and Salwin rivers, ix. 363, 364
- Lodun, Central Asia, xiii. 222
- Loescher, Geological Map of Italy, iv. 328
- Loesewitz, Capt., expedition to the Congo, i. 513
- Löffler, Prof. E., the Vineland: Excursions of the Ancient Scandinavians, viii. 411†
- Loffoden islands, Norwegian Admiralty's soundings off, viii. 724; extent of bank, ix. 381
- Lofley, Cape, Franz-Josef Land, v. 205, 225
- Loftus, Capt. A. J., surveys in Siam, i. 793; Journey across the Isthmus of Kra, v. 564†; cylinder axis sundial by, vi. 111; a New Year's Paper on the Kingdom of Siam, xii. 571†
- Loftus, A. K., travels in S.W. Persia, xii. 552
- Lofu river, Tanganyika, iv. 5
- Logan, W., Malabar, x. 539†
- Logar river, Hindu Kush, i. 119, 619
- Logari tribe, Afghanistan, iii. 73
- Logerot, A., Carte Générale de l'Europe, i. 153
- Logerot, J. G., plan de Paris Actuel, i. 612
- Loggie, Thos. G., map of New Brunswick, viii. 64
- Logue river, N.W. Australia, v. 723
- Löher, F. von, Cyprus, i. 283†
- Lohit Brahmaputra river, vii. 75, ix. 360, x. 577
- Loi Chani Lem mountain, xiii. 709
- Loika river, viii. 631, ix. 288, 291, 298
- Loire, Haut, administrative map of, Erhard, i. 814
- Loja, province of, Ecuador, v. 353, xiv. 126
- Lokenye. See Lukenye.
- Lolo people, ii. 702, v. 445, viii. 377, xiii. 382, 383; identified with the Coleman of Marco Polo, v. 446
- Lo Magondi chief and town, iii. 355, xii. 149, 346
- Lomami river, vi. 92, viii. 628, 631, 632, ix. 644, xiii. 393, xiv. 179; Delcommune's ascent of, xi. 406; Janssen's, xii. 288; Hodister's exploration between the Lualaba and, xiii. 37
- Lomami, or Luscho, river, viii. 628, ix. 644
- Lombard, H. C., Atlas de la distribution géographique des maladies dans leurs rapports avec les climats, ii. 272†

- Lombardy, maps of—(geological), xii. 709;  
Neesis, x. 400; (relief), Cherubini, vi.  
611
- Lome, Dupuy de, death of, vii. 393
- Lome or Bè Beach, W. Africa, vii. 378
- Lomond, Loch, temperature of water of,  
viii. 760
- Lomwe country and people, iv. 201-206,  
644, 726, *et seq.*, vii. 432, 433; vocabu-  
lary of, O'Neill, vi. 647, *et seq.*
- London—  
Atlas, pocket, of, Bartholomew, xi. 467  
Baedeker's Handbook of, and Environs,  
iii. 502 †  
City of, large scale plan of, Bartholo-  
mew, vii. 773  
Climatology, comparative, of, etc.,  
Thornton, xiii. 372 †  
County of, map of, Stanford (contoured),  
xiv. 879; Johnston (proposed city  
and), vi. 358  
Environs of, maps of, Bartholomew, xiii.  
309; Philip, x. 400; Stanford (lib-  
rary), xiii. 190  
Maps of, Mason and Payne, ix. 501;  
Philip (redistribution), vii. 265, 773;  
Stanford, vi. 427  
Navigation schools in, iv. 303  
North, plan of, Bartholomew, xiv. 732  
London Library, Catalogue of, x. 744 †  
London Missionary Society, geographical  
work in Africa, i. 361; expedition to  
Lake Tanganyika, i. 2, 788, ii. 42  
Londres y Catamarca, Argentine Republic,  
Lafone y Quevedo, xi. 59 †  
Long, Captain, survey work in Upper  
Burma, xiii. 174  
Long, George, obituary of, i. 674  
Long island, W. Indies, xiv. 595  
Longden, General Sir H. E., obituary of,  
xii. 392  
Longitude, determination of, in early cen-  
turies, xiii. 622; discovery of method for,  
iii. 626  
Longmans & Co., atlases by—five shilling,  
xii. 711; junior school, xii. 712; new  
school, xi. 323; school, physical, and pol-  
itical, xii. 712; Geographies by—Junior  
School, Chisholm, x. 398 †; school, for  
Australasia, *id.*, x. 543 †; for North  
America, xii. 642 †; shilling, ix. 720  
Longnon, A., Atlas Historique de la France,  
vii. 270, x. 260  
Longonot, Donyo, E. Africa, vi. 702  
Longstaff, G. B., Studies in Statistics,  
Social, Political, and Medical, xiii. 188 †  
Lonk, Makusi chief, vii. 526, 527  
Lonzu river, Tanganyika, iv. 18  
Loohoo islands, general information on  
the, i. 210; language of, Aston on, i.  
598; principality of, Gubbins' report on,  
iii. 590  
Lopatinisky, L., Russko-Kabardinsky Slo-  
vars Ukazatelem i Kratkoyu gramma-  
tikoyu, xiii. 735  
Lopez, Cape, French mission at, vi. 481;  
named in 1469, v. 229
- Lora, Kakar, and Bar-hor rivers, ii. 225  
230, 621, 622, v. 59, 60  
Lörcher, Rev. J. G., map of the province  
of Canton, i. 413  
Lord Howe island, Report on, Wilson, iv.  
774 †; Zoology, Geology, etc., of, xi.  
515 †  
Lorenço Marques, ix. 504; map of district,  
Berthoud, ix. 211; railway from, to the  
Lebombo mountains, x. 446  
Lorillard city, ancient ruined town in  
Central America, v. 45  
Lorne, Marquis of, address on opening  
session 1885-86, vii. 777; on the Pro-  
gress of Geography for 1885-86, viii.  
417 †; Canadian Pictures drawn with  
Pen and Pencil, xii. 641 †; remarks at  
the anniversary dinner, 1886, viii. 469;  
at evening meetings, vii. 577, 582, 641,  
646, viii. 19, 56, 87, 156, 176, 245, 368,  
371, 384, 453, 501; on opening exhibi-  
tion of geographical appliances, viii. 53;  
on presentation of medals, viii. 465  
Lorraine, German, geological map of  
Western, ix. 326  
Lortet, Dr., La Syrie d'aujourd'hui, vi. 99 †  
Loschkin, Sawwa, Arctic voyage of, ii. 8  
Losenfwa. See Lusenfwa.  
Losewa, Lake Nyasa, i. 292  
Losi river, S.E. Africa, vi. 640, 641  
Losca Dudu harbour, New Guinea, xiv. 788  
Lo-su. See Lolo.  
Lot-et-Garonne, atlas cantonal de, Welch  
and Mahon, i. 747  
Lothians and Fife, reduced Ordnance sur-  
vey map of, Bartholomew, xiv. 348  
Lothringen. See Lorraine.  
Loti, Pierre, Au Maroc, xii. 301 †  
Louise, the, Russian steamer, v. 176, 177,  
406, 555, 603, 661  
Louisade islands, viii. 562; Exploring  
Expedition to the, Thomson, xi. 525 †  
Lourdes, lake of, configuration of, xiv. 630  
Lourenço Marques. See Lorenço.  
Loveday, R. K., map of the Lydenburg  
gold fields, vi. 175  
Lovett, Col. B., Route Surveys in Northern  
Persia, in 1881 and 1882, v. 57 †; travels  
in Western Asia, v. 383  
Lovett, R., James Gilmour of Mongolia:  
his Diaries, etc., xiv. 578 †  
Lovisato, M., lecture on Tierra del Fuego,  
v. 298  
Low, H. B., obituary of, x. 423  
Lowarai Kotal, Kafiristan, height of, vi.  
7, 8  
Lowell, Hon. J. Russell, remarks at anni-  
versary dinner, 1881, iii. 436  
Lowell, F., Ohoson, the Land of the Morn-  
ing Calm (Korea), viii. 275 †  
Löwl, F., Ueber Thalbildung, vi. 302 †  
Lowry, J. W., obituary of, ii. 417  
Lu river of Tibet (Lu- or Nu-Kiang), iv.  
318, vii. 88, 308, xiv. 172; Walker on,  
ix. 352 †, x. 577, *et seq.*; its sources, ix.  
364-368. See also Lu-tze and Giama  
Nu-Chu.

Lua, or Lawa, tribe, viii. 7, 8, 499, 500  
 Lualaba river, Central Africa, v. 570, 705, vii. 606, 607, xi. 73, 80; Hodister's exploration between the Lomami and, xiii. 37  
 Luana of Goronza, viii. 509  
 Luang Prabang, Siam, x. 127, xiii. 111  
 Luango-Luce river, v. 229  
 Luapula river, Central Africa, vi. 285, 341, vii. 240, 334, 540, 605, xiii. 426, xiv. 39  
 Luarezi river, Central Africa, xii. 749  
 Luasi hills, East Africa, vi. 725 and note.  
 Lub or Hermit islands, Malay Archipelago, people of the, v. 47  
 Luballa river, position of mouth, and volume of, viii. 628  
 Lubashi pass, xiii. 36  
 Lübeck, map of principality of, vii. 491  
 Lubi river, Africa, v. 164  
 Lubilash river, W. Africa, v. 164, 174, vii. 456, ix. 643, xiv. 860  
 Lubovny. See Keskelien.  
 Luca, G. de, Storia Concetto e Limiti della Geografia, iii. 697 †  
 Lucas, A., Position of Khartum, xi. 643  
 Lucas, C. P., Historical Geography of the British Colonies, and introduction †, ix. 652, xi. 122, xiii. 120  
 Lucas, F. A., Explorations in Newfoundland and Labrador, xiv. 572 †  
 Lucerne, lake, depth of, ix. 686  
 Luchinda river, xiv. 179  
 Luchu. See Looshoo.  
 Luchulingo river, E. Africa, iv. 482  
 Luçon island, Journey in, Marche, ix. 779 †  
 Lüdde, J. G., Die Geschichte der Methodologie der Erdkunde, x. 55 †  
 Lüddecke, R., Afrika in sechs Blättern, xii. 310  
 Lüderitzland, trigonometrical surveys in (map), Pohle, viii. 608  
 Ludhiāna district, India, Gazetteer of, 1888-89, x. 669 †  
 Ludi and Lusi rivers, E. Africa, ix. 472  
 Ludima-Niadi, position of, ix. 189  
 Ludlow, Cape, Franz-Josef Land, v. 205  
 Ludwig of Austria, Archduke, Die Balearen, vi. 606 †  
 Luebo river, position of mouth, and volume of, viii. 628  
 Lucia river, Lake Nyasa, i. 383, 318  
 Luena river, xi. 71  
 Luenga river, Congo region, v. 287  
 Luengue river, Botoka country, x. 647  
 Lufji river, E. Africa, i. 529. See Rusji.  
 Lufira river, Central Africa, vii. 607  
 Lugard, Capt., Nyasaland and its commercial possibilities, xi. 688; on the surface configuration of Uganda and Unyoro, xiv. 238; explorations between Victoria Nyanza and Lake Albert Edward, xiv. 413; Travels from the East coast to Uganda, etc., xiv. 817\*  
 Lugerā river, ix. 475  
 Lühdorf, A., Die heissen Quellen am Amur bei Neu-Mikhailowsk, iv. 574 †

Luh-fung Hsien, China, i. 501  
 Lua river, E. Africa, xii. 147  
 Luiki river, Central Africa, xiv. 42  
 Luia bay and district, New Britain, iii. 92  
 Lujende or Lujenda river, iv. 71, v. 482, vi. 520, 719, 722, viii. 99, 328, ix. 468, 469, x. 31; exploration of, Johnson, iii. 421, iv. 47, 480\*; its connection with lake Shirwa, O'Neill on, iv. 321; Journey to sources of, O'Neill, vi. 153, 713\*  
 Lukassi river, Central Africa, xiv. 179  
 Lukohin, Central Asia, xiii. 210  
 Lukenye or Lukatta river, viii. 628, 636, 738; Kund and Tappenbeck's journey down, ix. 115  
 Lu-kiang river. See Lu.  
 Lukianof, Lieut., journey up the Tejend, iv. 103  
 Lukindo, mount, E. Africa, i. 88  
 Lukoka, wire-grass, East Central Africa, v. 587  
 Lukolela, latitude of, vi. 743  
 Lusch, Prof., Das Schwarze Meer, viii. 340 †; on the deep sea explorations in the Eastern Mediterranean, xiv. 121  
 Lukuga river, lake Tanganyika, i. 207, ii. 309, 557, 733, 734, 740, iii. 274, 275, iv. 3, 10-13, ix. 188, 241, 471, 474, xi. 584, 585; Hore on the, ii. 257; Trivier's explorations of the, xi. 98  
 Lukusasi river, Central Africa, xii. 749  
 Luli river, E. Africa, vi. 638, 642, 729  
 Lull, Comr. E. F., survey for the American Inter-oceanic Canal, ii. 192; Reports on, ii. 201 †  
 Lullin, E., L'Utilization des Forces Motrices du Rhône, etc., xii. 568 †  
 Lungo river, W. Africa, vii. 367, 456, viii. 47  
 Lulu river, West Africa, v. 698, 699  
 Lulu river, trib. of Aruwimi, Chaltin's exploration of, xiv. 636  
 Lulua river, W. Africa, vii. 738, ix. 756; position of mouth, and volume of, viii. 628  
 Luluaburg, new station, W. Africa, vii. 738  
 Lumanana river, E. Africa, vii. 660  
 Lumbwa, East Africa, xiii. 197  
 Lumholtz, C., Among Cannibals, Four Years' Travels in Australia, xii. 250 †  
 Lumi river, vii. 155  
 Lumsden, Sir Peter, Countries and Tribes bordering on the Koh-i-Baba Range, vii. 561\*; on Littledale's journey across the Pamir, xiv. 33  
 Lund, T. W. M., Como and Italian Lake-land, xi. 52 †  
 Lund, W., coaling station of, at Diego Garcia, viii. 390  
 Lunda country, xi. 73; Carvalho on the history of, ix. 382; map of Buchner's journeys in, 1878-1881, Kiepert, iv. 187; photographs of natives and scenery of, xii. 648  
 Lundgren, W. T., Harbour Dictionary, v. 50 †



- Lundi river, ruins at, xiv. 276, 307; Bent's exploration of the same, xiii. 85  
 Lundu river, N. Borneo, iii. 194  
 Lungasi river and people, W. Africa, iv. 58, 587  
 Lung-chow city, Southern China, xiii. 253  
 Lungwerengere river, E. Africa, iv. 277  
 Lunzu river, Central Africa, ix. 177  
 Lupton, F. (Lupton Bay), map of journeys of, 1880-81, iv. 520; on the reported great lake West of Albert Nyanza, iv. 685; work in the Bahr Ghazal region, v. 482, vi. 152, 375; Geographical Observations in the same, vi. 245\*; his river Kuta, vi. 344; on the Makua river and tributaries, ix. 292; letter from Emin Pasha on the fate of, xii. 289  
 Lur tribe, Southern Persia, v. 161, xii. 522  
 Luristan, xii. 513; Across, to Ispahan, Lynch, xii. 533\*  
 Lusangadzi river, ix. 184  
 Luschon, Dr. von, journeys in Asia Minor, x. 103  
 Lusenwa river, Central Africa, xii. 747  
 Luseru river, E. Africa, iv. 150  
 Lushai country, Woodthorpe, xii. 301†  
 Lushai hills, v. 617, xiii. 402  
 Lushais and Chins, expeditions against the, xi. 689  
 Lussin, Die Insel, ihr Klima, und ihr Vegetation, Haracic, xiv. 722†  
 Lusuba river, Africa, v. 174  
 Lusumbwe bay, Lake Nyasa, ix. 182  
 Lut desert, viii. 140, 141  
 Lutété, West Africa, v. 700, vi. 191, 624  
 Lutfabad, Turkistan, iv. 490, 491  
 Lütke, Count F. B., Arctic voyage of, ii. 9; obituary of, iv. 755  
 Lu-tze-Kiang or Salwen river, v. 664, 665. See also Lu.  
 Luvelevi river, ix. 187  
 Luvu river, East Africa, vii. 159 and note  
 Luvu river, Lower Congo, iii. 21  
 Luvubi river, Congo, iii. 556, v. 287  
 Luvule river, xiv. 41  
 Luvumbo valley, Masai people of the, v. 521  
 Lux, A. C., Die Balkanhalbinsel, ix. 648†  
 Lux, E., Von Loanda nach Kimbundu, ii. 70†  
 Luxembourg, railway map of, vi. 174  
 Luze, E. de, on geographical terminology, iii. 55, 56; the Transcription and Pronunciation of Geographical Names, v. 567†  
 Luzon island. See Luçon.  
 Lyall, Mr., on the forests and railways of the Caucasian provinces, i. 796  
 Lycia, Viennese archaeological expedition to, iv. 568; Kiepert's map of, iv. 709, vii. 133; Journey in, Benndorf and Niemann, vii. 195†  
 Lycia-Pamphylia, note on the map of, Ramsay, x. 100, et seq.

- Lydekker, R., Catalogues of vertebrata, etc., in the Indian Museum, Calcutta, ix. 259†; Memoirs of the Geological Survey of India, viii. 275†; on the effects of the great snowfall in Kashmir in 1877-78, i. 716  
 Lydenburg gold fields, map of, vi. 175  
 Lykipia district, E. Africa, vi. 703, 705  
 Lynch, General, exploration of the Turnuk river, i. 197  
 Lynch, H. B., explorations in Persia, xii. 380; Across Luristan to Ispahan, xii. 533\*; on the Karun River, xii. 528, xiii. 592\*  
 Lyne, Ch., New Guinea, viii. 130†  
 Lynn canal, Alaska, xiii. 74  
 Lyon, Capt., voyage to Hudson's Bay, x. 555  
 Lyons Geographical Society, medal founded by, v. 427; proceedings of, ii. 321, 388, 520, 779, iii. 55, 112, 244, 317, 373, iv. 112, 113  
 Lyons, map of, and its environs, Goudery, i. 612; Study of the City of, Palocz, xiv. 866†

## M

- Ma'aza tribe, ix. 660  
 Mababe and Machabe rivers, Central Africa, iii. 172  
 Mabare river, South Africa, v. 268  
 Mabessi lake, Sierra Leone, xiv. 440  
 Mac. For names beginning thus, see also under Mc.  
 MacArthur river station, Australia, xi. 667  
 Macartney, Lieut., work on the N. W. frontier of India, i. 61  
 Macas village, Ecuador, xii. 297  
 Macaulay, Colman, mission to Tibet, vii. 91  
 Macaulay islands, extent of, x. 316, 317  
 Macaulay, railway map of Great Britain, i. 154  
 Macdonald, Colonel, Ascent of Benue and Kebbi rivers, xiii. 394, 449\*; Narrative of his Mission to the Niger and Benue, Ferryman, xiv. 807†  
 Macdonald, Rev. Duff, Africans; or, the Heart of Heathen Africa, v. 182†  
 Macdonell, A. A., Camping Voyages on German Rivers, xii. 702†  
 Macdonnell ranges, Central Australia, xiii. 345, 350, 355  
 Macedo, Mgr. de, Le Christophore, la Civilisation dans l'Amazonie, xiii. 243†  
 Macedonia, Bianconi's map of, x. 809, Eastern, work on, Strezoff, xiv. 723†; Ethnographical Map of Old Servia and Gopčević, xi. 321; Work on the same, id., xi. 508†  
 Macfarlane, R. R., Land and Sea Birds Nesting within the Arctic Circle, etc., xii. 707†  
 MacGregor, Dr. J., Toil and Travel, etc., xiv. 578†  
 MacGregor, John, obituary of, xiv. 805  
 MacGregor, Lady, the Life and Opinions of Sir C. M. MacGregor, xi. 255

- MacGregor, Major C. R., expedition under Col. Woodthorpe from Assam to the Iravadi, etc., ix. 19 \*
- MacGregor, Major-Gen. Sir C. M., work on the N. W. frontier of India, i. 62 note; Journey through Khorassan, etc., in 1875, i. 333, 344 †; Wanderings in Balochistan, v. 109 †; obituary of, ix. 194
- MacGregor, Sir W., Exploration of Owen Stanley Range and district, xi. 504, 605, xii. 193 †, 381, 558, 688, xiii. 395; scientific results of the same, xii. 616; navigation of the Fly river, xii. 352; on upraised Coral islands off New Guinea, xiv. 415; Travels with, Hatton-Richards, xiv. 575 †; visit to the Laughlan islands, xiii. 177; to the D'Entrecasteaux and Trobriand groups, xiv. 327; to the Buhutu and Wari tribes, xiv. 414; further explorations in New Guinea, xiv. 863
- Mach, G., and L. Maasburg, Eisenbahn, etc., Verkehrs-Karte der österreichisch-ungarischen Monarchie, iii. 382
- Machanga district, Sabi river, v. 273
- Machemba chief, ii. 347, 348
- Machemba mount, Central Africa, xiii. 272
- Machinga tribe, East Africa, x. 27
- Machinian tribes, viii. 29, 30
- Machinjiri, E. Africa, vii. 649, 650, 658, 660
- Machen, Dr., explorations in Patagonia, xiv. 861
- Ma-chu or Red river, Tibet, vii. 70, 72
- Macintyre, D., Hindu-koh, sport in the Himalayas, xi. 749 †
- MacIver, General, proposed expedition to New Guinea, vi. 578
- Mackay, A., explorations in the Victoria Nyanza region, i. 2, 137; journey to Uganda, i. 590, iii. 178; on Lake Bahringo, vi. 219; altitude of Victoria Nyanza, xi. 438; death of, xii. 290
- Mackay, A. H., Pictou island, xiv. 728 †
- Mackenna, B. V., A traves de los Andes, x. 745 †
- Mackenzie, A., History of the relations of the Government with the Hill tribes of Bengal, vi. 607 †
- Mackenzie, Colin, on Brazil, vii. 748; remarks at evening meetings, viii. 368, x. 80, 434
- Mackenzie, G. S., travels in S.W. Persia, xii. 553; remarks at evening meetings, v. 130, 131, xiv. 840
- Mackenzie, Rev. John, Austral Africa, Losing it or Ruling it, x. 50 †; Bechuanaland and the Land of Opbir, x. 725\*; on lands still available for European settlement, xiii. 34
- Mackenzie, Sir Alexander, explorer of Lake Athabasca, v. 648
- Mackenzie basin, Canada, Report on the Resources of, 741 †
- Mackenzie river, ii. 578, ix. 120, 253; and district, v. 334, 633; depth of frozen earth on, viii. 741; map of part of its basin, McConnell, xiv. 815
- Mackey, Rev. D. J., diocesan map of England and Wales, ii. 327
- Mackinder, H. J., the Scope and Methods of Geography, ix. 141\*; appointment as reader of geography at Oxford, ix. 437; the teaching of Geography at the Universities, ix. 698; course of lectures for Oxford University, ix. 681; on geographical education at Oxford, x. 531, xi. 502, 737, xii. 419, xiii. 428, xiv. 398; note on geographical terminology, x. 732; remarks on the presentation of prizes to training college students, xii. 477, xiii. 494, xiv. 490; lectures for 1893, xiv. 700
- Mackinnon-Buxton expedition in East Africa, sketch map of route of, i. 80; road from Dar-es-Salaam, i. 530, v. 542
- Mackinnon, Rev. J., South African Traits, ix. 519 †
- Mackintosh, A. W., Whaling Cruise in the Arctic Regions, vi. 544 †
- MacLagan, General, the rivers of the Punjab, vii. 705\*; obituary of Sir Henry Yule by, xii. 108
- Macleay, Consul, report on the trade between India and Persia, xiv. 128
- Macleay, Mr., journey in Labrador, x. 191
- Macleay, Captain, surveys in the Indian Ocean, v. 596; visit to Christmas island, x. 615; photographs in the Eastern Archipelago, xiii. 64
- Macleod, General W. C., obituary of, ii. 379
- MacMahon, Major-Gen. A. R., Karenni and the Red Karens, xi. 569 †
- MacMahon, Rev. E. O., journeys in Madagascar, xiv. 463\*, 789
- MacMurray fort, N.W. Canada, v. 652, 653
- MacNabb, D. J. C., Handbook of the Haka Dialect, xiv. 869 †
- Macnamara, F. N., Climate, etc., and Disease distribution of the Himalayan Districts, ii. 459 †
- Maco, Bolivia, Indiarubber camp at, v. 324, 329
- Macoun, Prof., Manitoba and the Great North-West, v. 305 †; on the Canadian North-West, viii. 727; on the forest fires of North America, xiv. 95, 98
- Macow channel, Sabi delta, v. 278
- Macpherson, Fort, Andrew Flett on depth of frozen earth at, viii. 741
- Macpherson, General, exploration of routes between Jalalabad and Kabul, ii. 126; on geographical results of the Afghan Campaign, iii. 77
- Macquarie, J. L., Journey to Madagascar, v. 745 †
- Macumba water and plains, Australia, xi. 651
- Madagascar—**  
 Antanambalana river in, Ransome, xi. 295\*  
 Antananarivo Annual, etc., edit. Sibree †, x. 253, xi. 315

**Madagascar—continued—**

- Bibliography of, Sibree, viii. 276 †  
 Botanical Trip in, Scott-Elliott, xiii. 158 \*  
 Coast lagoons of, Grandidier, viii. 785  
 Coast surveys of, v. 595  
 Colonization of, under Louis XV., St. André, viii. 672 †  
 Early maps of, i. 656  
 Explorations and surveys in—Anthonard (Western), xiii. 560; Catat, xii. 636, xiii. 367; Cowan (South Central), iv. 521 \*; Douliot, xiv. 242; French, x. 649, xiii. 106; Hildebrandt, ii. 268, 519, 520, iii. 112, 372; MacMahon, xiv. 463 \*, 739; Rutenberg, i. 220; Shufeldt (map), vi. 661; Summary of, xi. 408, 409, xiii. 394  
 French dispute in, Oliver, vii. 405 †  
 French establishments of Diego-Suarez, Nossi-Bé, etc., map of, xiii. 62  
 French Operations in, Cooke, viii. 405 †  
 Geography of, Grandidier on, vii. 339; our Knowledge of the, Sibree, i. 646 \*  
 Geological structure of, Baron, xi. 241  
 Great African Island, Sibree, ii. 71 †  
 Historical and Descriptive Account of, Oliver, viii. 799 †  
 History and People of, Little, vii. 55 †  
 Imerina, Central Province of, Sibree, xiv. 737 \*  
 Journey to, Macquarie, v. 745 †  
 Lake Tritriva in (Volcanic), Sibree, xiii. 477 \*  
 Maps of:—Grandidier, vi. 361, vii. 414; Johnson, ix. 656; Laillet and Suberie, xii. 55; Mullens, i. 350; Oliver, ix. 64; Roblet, x. 746  
 Meteorological Observations in Tananarivo, Colin, xii. 648 †  
 Natural history, trade, etc., of, xiv. 750-752  
 North-East, fauna and flora of, xi. 297, 298  
 Notes on, Crémazy, v. 678 †  
 Observations on, du Caillaud and Marcel, v. 558  
 Of To-day, Shaw, viii. 747 †  
 Origin of the name, i. 649  
 Place names of, i. 663  
 Robert Drury's journal in, edit. Oliver, xii. 638 †  
 South-west, etc., Perry on, v. 674  
 Souvenirs of, Lacaze, iv. 247 †  
 The Island and its People, Shaw, vii. 406 †  
 The Tanala of, Cowan, iii. 574 †  
 Wild men of, xi. 301  
 Madan tribe, Mesopotamia, x. 393  
 Madeira river, Brazil, i. 67, v. 344, 345, xii. 239; Trade Route between the Mamore and, Report on Survey for, viii. 345 †  
 Madeira and the Canary islands, Brown, xii. 247 †; its Scenery, and how to see it, Taylor, iv. 577 †, xi. 188; meteorological observations at, xiv. 623  
 Madidi river, Bolivia, v. 315, 322, 329; village of, v. 518  
 Madimola station, E. Africa, ix. 494  
 Madras, mean sea level at, Walker on, iv. 611; population of, xiii. 612; (Presidency) Report on the Administration of, xiii. 303, xiv. 341; topographical surveys in, viii. 720  
 Madredano river, E. Africa, xii. 138  
 Madre de Dios river, Bolivia, v. 332, x. 741, xi. 498  
 Madrid, Ibero-American Congress at, xiv. 407; plan of, Monules, i. 541  
 Mafeking, South Africa, xiii. 2  
 Magadoxo, Somali country, v. 717, xii. 528; itineraries from, vi. 271, 272  
 Magurada village, viii. 507  
 Magalhães, Conte de, O Selvagem, x. 745 †  
 Magalli, Père, explorations in Ecuador, xii. 297  
 Magdalena river, Colombia, v. 261; state, *id.*, iii. 705  
 Magdaleno islands, Gulf of St. Lawrence, Patterson, xiv. 728 †; Richardson's report on, iv. 517  
 Magdeburg, wall map of, viii. 132  
 Magdishu. *See* Magadoxo.  
 Magellan, F., Life of, etc., Guillemard, xii. 771 †  
 Magellan, Straits of, climate of, iv. 626; Directory of, xiv. 728 †; on Schöner's globe, Wieser, iii. 576 †; surveys of, v. 594; *id.*, Maclear's, ii. 408, 409; visit to Skyring water in, on the *Alert*, Copinger, ii. 552 \*  
 Mager, Henri, Atlas Colonial, vi. 364 †; relief-atlas by, vii. 193; award of Paris Society's medal to, viii. 273; map of Tongking, v. 494  
 Maggiore, Lago, v. 621, 622, 624  
 Magila, E. Africa, i. 87, 88, 548, 555  
 Magnetic conditions in Central Asia, Tillo on, xiv. 856; needle, introduction of, xiii. 621; pole in Canada, Lefroy on, vi. 585, 586  
 Magnum Littus of Ptolemy, E. Africa, xiii. 528, 546  
 Ma-goi-ee river, Central Africa, xi. 217  
 Magpie, survey work of, iv. 553, v. 593  
 Magungo, position of, xi. 644-646  
 Mahabaleshwar (Arthur's seat), W. India, iv. 476, 477; rainfall at, vii. 714  
 Mahaffy, J. P., Rambles and Studies in Greece, ix. 258 †; Sketches from a Tour through Holland and Germany, xi. 116 †  
 Mahajilo river, Madagascar, xiii. 560  
 Mahamadabad, ruins of, Persia, v. 79  
 Mahanuddy river and delta, viii. 686, 687  
 Mahdliam and the Egyptian Soudan, Wingate, xiii. 740 †  
 Mahdist rebellion in the Sudan, ix. 314, 412  
 Mahedu village, Masai country, v. 519  
 Mahengi tribe, iii. 645  
 Maheyran river, Persia, xii. 578  
 Mahin tribe, W. Africa, xii. 605  
 Mahlabatini valley, Zululand, i. 326

- Mahmoud Pasha el Falaki, on the establishment of meteorological stations in Egypt, iv. 179; on measurements of Nile risings, xi. 33, 34
- Mahomdabad, Persia, iii. 528
- Mahratta Empire, Birthplace and Cradle of the, Temple, iv. 457 \*
- Mähren and Schlesien, map of, vi. 338
- Mahsud Waziri tribe, iv. 537
- Maidan-tal river, ix. 435
- Maidment, C., geological map of Zoutpansberg, and the Witwatersrand gold fields, xii. 124, xiii. 578
- Maief, M., journey in Bokhara, i. 66, 356, ii. 779; on Steppe routes from Karshi to the Amu-daria, iii. 723
- Mai Kassa river and district, New Guinea, xii. 692; Hall's explorations of the, x. 708
- Mailly-Châlon, Count de, journey in Asia, vi. 48
- Maimenah town, i. 388
- Main, Mrs., My Home in the Alps, xiv. 501 †
- Maine, Forests of, Tour through, Steele, ii. 590 †
- Maingkhaw, N. Burma, xiv. 406
- Mainla, distance from, to Bhamo, ix. 36
- Mainof, V., Juridical Customs of the Mordva, viii. 60 †
- Mainos lake, ix. 428 note
- Mainthas tribe, Burma, x. 269
- Maio, or Amamao, tribe, West Africa, ix. 755
- Maistre, C., journey in Madagascar, xii. 299; explorations in Madagascar, xiii. 106, 394, xiv. 739
- Maitland, Capt., description of country between the Murghab and Hari-rud rivers, vii. 569; Journeys in Afghanistan, ix. 102 \*
- Maiva district and tribe, New Guinea, iv. 161
- Majili river, Central Africa, xi. 220
- Major, R. H., report on the Geographical Department of the British Museum, i. 395, 437; on the Norse colony of East Bygd, &c., v. 294; on a chart of Greenland sent by P. J. Buyskes, v. 408; on Nordenskiöld's discovery of ancient map in Iceland, v. 473; on the voyages and map of the Zeni, v. 725; on the landfall of Columbus, vi. 42, xiv. 594; obituary of, Markham, xiii. 489
- Majorca, Letters from, Wood, x. 803 †
- Makabana, West Africa, Capt. Rouvier's position of, ix. 189
- Makalaka tribe, ii. 694, x. 726, xii. 654, xiii. 14
- Makalanga tribe, xiv. 290, 294
- Makalu, Mount, viii. 91, 183, 259, 260
- Makanga, tribe and king of, vii. 78, 81; Vieira Braga's visit to, viii. 510
- Makangwara tribe, E. Africa. See Gwangwara.
- Makanjila, chief, iv. 484
- Makhhul e country, Afghanistan, i. 628
- Maki river, viii. 722
- Makololo country and tribe, i. 485, xii. 719
- Makonde country and people, E. Africa, iv. 67, 68, 73, 74, v. 396, 402
- Makongeni district, E. Africa, xiv. 819
- Makoni's village, xiv. 301
- Makorikori tribe, viii. 72, 73, 85
- Makra pass, vii. 599 note
- Makua country, East Africa, dialects of, compared with Angoche and Ibo, iv. 605; Journey in, O'Neill, iv. 193 \*; Maples on, iv. 79 \*; prospects of trade in, iv. 208; slave trade in, vi. 735, 736; the tribe, ii. 340, 341, iv. 78, 196-201, 598, *et seq.*, vi. 522, vii. 374, 432, ix. 470
- Makua or Welle river, iv. 686, ix. 291, 292, 298; Junker on the, iv. 228, v. 34, 35, ix. 289, 290. See Welle.
- Makula's country, E. Africa, ii. 729, 730
- Makum, Upper Assam, iv. 624
- Makung harbour, Pescadores islands, vii. 4, 400
- Makusi Indians, S. America, vii. 502, 526
- Makuta, Comber's visit to, i. 235
- Ma-Kwamba tribe, E. Africa, v. 285
- Makwar, Bahr-el, Central Africa, iv. 686
- Maia. See Malayta.
- Malabar coast, vii. 730
- Malabar, Work on, Logan, x. 539 †
- Malacca, experiments with economic plants in, xi. 682; Work on, Godinho de Eredia, transl. Janssen, iv. 181 †
- Málafu (palm wine), custom of drinking, v. 579
- Malagarasi river, Tanganyika, iv. 13
- Malagasy, origin of the, Sibree on, vii. 242
- Malahide, Lord Talbot de, obituary of, v. 389
- Malaita. See Malayta.
- Malakhof, M., ethnological researches in Russia, iii. 490; explorations in the Ural, iv. 108, v. 391
- Malamir plain, ancient inscriptions and causeway of, xii. 540, 541
- Malangen fiord, Norway, ii. 282
- Malanje, W. Africa, iv. 680, v. 705
- Ma-lan Yü town, China, v. 24
- Malaspina glacier, Alaska, xi. 427, 428, xiii. 83, xiv. 325
- Mala-tau, or Ullu-anz Bashi, Caucasus, xi. 672, xii. 234
- Malatia, ix. 429 note
- Malay, or Eastern, Archipelago—  
Directory for the Navigation of, Findlay, xi. 700 †  
Expeditions in:—Forbes, v. 656; German, xi. 505; MacLay, v. 46; Summary of, v. 384, x. 415  
First Dutch Voyages in, Bonaparte, vii. 482 †  
Indonesien, or the Islands of the, Bastian †, vi. 424, viii. 534, xi. 631  
Life in, from the Dutch of Van der Burg, Diemer, ix. 712 †

- Malay, or Eastern, Archipelago**—*continued*—  
 Map of, with Burma, etc., Shawo, ix. 139  
 Photographs of, Maclear, xiii. 64  
 Two Years in the Islands of, De Pina, ii. 201†  
 Volcanic chain in, v. 512
- Malay peninsula**—  
 Explorations in, and map, Cameron, vii. 533; Daly, iv. 393\*; Marche, iv. 383, 384; Ridley (Tukan District), xiv. 533\*  
 Geography of, Keane†, ix. 524, xiv. 729  
 Information concerning, xiv. 839\*  
 Journal of a Journey Across, Swettenham, viii. 276†  
 Map of latest surveys in, 1891, xiii. 447  
 Minerals of the, x. 122  
 Tribes of the, x. 121
- Malayta island, Solomon islands, x. 356, 357, xii. 406, 412, 415**
- Malcha, or Mountain Machinian tribe, viii. 29, 30**
- Maldivé island's, Bell's Work on the, vi. 98†**
- Malondado, Col., expedition on the Beni, and death of, v. 319, 320, 344**
- Molema river, E. Africa, ix. 472; tribe, Lake Nyasa, i. 296**
- Mulet, H. B., Snulight, ix. 524†**
- Maletsunyane, Falls of, vii. 194**
- Malik-dukan peak, vii. 43**
- Mali Kha river, Upper Burma, iv. 262, vii. 304, ix. 369, xii. 555, xiv. 162, 171**
- Maliko, E. Africa, iv. 732**
- Mul-i-mir plain, Persia, v. 149, 153**
- Mulindi, Galla country, iv. 371, xii. 129**
- Malipi, North Borneo, x. 140**
- Maliwanda, town and chief of, Africa, v. 290, 659, 689**
- Maliwazi, E. Africa, iv. 732**
- Mallard-Cressin, M., map of Peking, v. 494**
- Mallico province, Chile, ix. 443**
- Malleson, G. B., Herat; the Granary and Garden of Central Asia, ii. 200†**
- Mallet, F. R., Manual of the Geology of India (Mineralogy), x. 251†**
- Mallicollo island, x. 355**
- Mallock, W. H., In an Enchanted Island (Cyprus), xii. 186†**
- Malnád, Western Ghâts, vii. 735**
- Malo Karmakulsky bay, Russian station at, v. 390, 391**
- Malosa mount, East Africa, x. 25**
- Malseyidi village, S.W. Persia, xii. 548**
- Malta, geological map of, Bartholomew, xiii. 64; History of, Winterberg, i. 284†; Visit of the *Zrinyi* to, etc., Benko, x. 179†**
- Malte-Brun, V. A., on the biography of French cartographers, vi. 162; maps by—Algeria, vi. 614; French colonies in Asia, v. 749; in America, v. 750; Mecklenburg, ix. 463; environs of Rostock, ix. 463; legacy to Paris Geographical Society, xi. 455; obituary of, xi. 422**
- Maluti mountains, vii. 194**
- Malwallee island, hot mud spring on, v. 90**
- Malwe river, Tanganyika, iv. 17**
- Mamaseni district, xiii. 291**
- Mamasseni-Lur tribe, Southern Persia, v. 162**
- Mamaur lake, North America, v. 640, 641**
- Mamberan river, vii. 176 and note**
- Mamboin, E. Africa, iv. 149, v. 581, et seq.; journey to, Parker and Blackburn, x. 32; New station at, Last, iii. 223; temperature and rainy season at, vii. 454**
- Mambui, E. Africa, xii. 130**
- Mambwe country and tribe, ii. 210, iii. 268, xii. 736**
- Manisson pass, Caucasus, x. 679, xi. 673, xiv. 102**
- Mammoth and the Flood, the, Howorth, ix. 784†**
- Manore-bey lake, Bolivia, v. 324, 330**
- Manoré river, Bolivia, iii. 403, 406, v. 313, 326, 343, 347**
- Mamuriá river, S. America, ii. 570, 771**
- Manuyecada village, S. America, xi. 498**
- Man, Col., Formosa, xiv. 723†**
- Man, Ed. H., on the aborigines of the Andaman islands, vii. 485**
- Man, Wm., obituary of, iii. 567**
- Man Island, New Britain, iii. 92**
- Manabi route from Quito to the Pacific, iii. 487**
- Manameh, Bahrein islands, xii. 3**
- Mananara river, Madagascar, xiii. 368**
- Manantánana river, Madagascar, iv. 530**
- Mananzara river, Madagascar, iv. 529**
- Manár, Gulf of, S. India, vii. 732**
- Manas Saráwar lake, vii. 708**
- Manas valley, Central Asia, xiii. 214**
- Manchester, geographical appliances exhibited at, viii. 271, 338; lectureship at, Oldham appointed to, xiv. 316; Society, Journal of, vii. 387; navigation school at, iv. 308.**
- Manchuria**—  
 Climate and population of, x. 487  
 Journeys in—Barabascb, v. 174; James, Younghusband, and Fulford, viii. 779, ix. 235, 531\*; the Long White Mountain, an account of the same, James, x. 251†  
 Report on, Gardner, vii. 745  
 Russian, ii. 567; notes on the coast of, ii. 701
- Mancini, Samuel, missionary on the Beni, 1850-1864, v. 323**
- Mand, or Kara-Aghatch, river, Ross on, v. 712**
- Mandai Yahyaí or Sabseans, origin of, xiii. 664; their calendar, marriage customs, and festivals, xiii. 666, 667**
- Mandala, Central Africa, xii. 720**
- Mandalay, Burma, railway to, x. 262**
- Maudara, Obief, v. 546, vii. 139, 157; Thomson's visit to, vi. 153**
- Mandat-Grancey, Baron E. de, Dans les Montagnes Rocheuses, vii. 56†**
- Mande tribe, W. Africa, xiv. 262**
- Mandeha range, Afghanistan, i. 625**
- Maudimba river, E. Africa, vi. 515, 518, 532, 720**

- Mandingo tribe, W. Africa, xii. 168  
 Mänga, E. Africa, iv. 745  
 Mangaba, chief of Lukolela, vii. 362, 366  
 Mangabeira, Serra da, Brazil, viii. 355, 359  
 Mangaheri Tribe, East Africa, Visit to, Last, v. 581 \*  
 Mangal tribe, Afghanistan, i. 49, 633, 648  
 Mang'anja tribe, Hetherwick on, ix. 114; Dictionary of their Language, Scott, xiv. 872 †  
 Mangunui a-te-Ao river, vii. 219, 220  
 Mangasani's village, E. Africa, vii. 652  
 Mangbattu. See Monbuttu.  
 Manghas, Indo-China, iv. 645  
 Mangi race, S. E. Africa, v. 274  
 Mango island, South Pacific, xii. 160  
 Mangone. See Angoni.  
 Mangu lake, E. Africa, x. 94  
 Mangwendi and Chipunza, ruined kraals at, xiv. 298  
 Manhao, Southern China, iv. 725  
 Manhlagas kraal, Gazaland, xiii. 589  
 Mania river, Madagascar, xiii. 560  
**Manica**—  
 Climate and mountains of, xiv. 294, 302  
 Gold mines of, iv. 374, viii. 507  
 Journey in, De Andrada, ix. 621; Selous, iii. 169  
 Map of, ix. 593  
 Report on, De Andrada, xiii. 304  
 Ruins at, vii. 444  
 Manipur, frontier survey, iv. 693; note on, xiii. 291; rainfall of, vii. 305; *id.*, and vegetation, ix. 39; range, eastern and western, v. 617  
**Manitoba**—  
 And the Great North-West, Macoun, v. 305 †  
 Area of, x. 39  
 Historical and Scientific Society's Transactions, viii. 407 †  
 Its Infancy, Growth, and Present Condition, Bryce, iv. 184 †  
 Map of, Johnston, iv. 454; of part of, iv. 254  
 Prairie fires of, xiv. 94, 95  
 Railway from Hudson's Bay to, map of proposed route, Bell, vi. 362  
 Manjara lake, Central Africa, xiv. 634; Ehlers' expedition to, xii. 422  
 Mankambira chief, Lake Nyasa, i. 299  
 Mankind, Typical Races of, Leutemann, xi. 191 †  
 Mankula and Iboké villages, xi. 344  
 Mann, Dr. R. J., the Kafir race of Natal, i. 204; on the ascent of the Binué in 1879, ii. 302  
 Mann ranges, Australia, xiv. 181, 182  
 Mannering, G. E., With Axe and Rope in the New Zealand Alps, xiii. 742 †  
 Manni, Sierra Leone, xiv. 439  
 Mano country, Central Africa, xii. 155  
 Mano, M., journey in N. W. Guatemala, vi. 479  
 Manoh river, W. Africa, xii. 657  
 Manoug, T. L., on nilometers, xi. 245  
 Mansa, J. H., Atlas over Kongerige Denmark, i. 160  
 Mansfield, Sir C., on the prospects of trade of the port of Mollendo, x. 455; on the auriferous deposits of Peru, xii. 424  
 Mansue, town of, Gold Coast, v. 38  
 Mantell, Capt. A. M., explorations east of the Jordan, x. 719  
 Mantiqueira, Serra da, Brazil, viii. 357, x. 61  
 Mantsunyano river, Basutoland, x. 524  
 Mantzû tribe, viii. 377  
 Manua, Island of, discovery of relics of De Langle at, v. 426  
 Manual of Scientific Inquiry, The Admiralty, ix. 651 †  
 Manwyne, Yunnan, iv. 729  
 Manyame. See Hanyane.  
 Manyanga, W. Africa, iv. 45, 164, v. 574, 699, 700, 711, vi. 190, 624, ix. 189  
 Manyanja tribe, E. Africa, iv. 76  
 Manyara. See Manjara.  
 Manyema tribe, xiv. 835  
 Munzarfeh, Persia, x. 628 note  
 Manzoni, R., El Yemen, vii. 485 †  
 Maori race, vii. 204, 205; Origin, etc., of, and Suggestions for History of, Fenton, vii. 831 †; the Aryan Maori, Tregear, vii. 831 †  
 Maouua island. See Manua.  
 Mapiri river, Bolivia, v. 323, 337  
 Maples, Rev. Chauncey:—Explorations in the Rovuma District, ii. 337, 414, 660 \*; on Makualand, iv. 79 \*; on the Mavia tribe, v. 393, 397; vocabulary of Makua words, vi. 647; remarks at evening meetings, vii. 159, 665, 666; remarks on British Central Africa, xii. 741  
 Map-building series, Cassell & Co., xiii. 244  
 Map Reading for Military Purposes, Trotter, xiii. 243 †  
 Map-room of R. G. S., reports on, i. 464, ii. 445, iii. 430, iv. 430, v. 417, vi. 415, vii. 473, viii. 464, ix. 450, x. 463, xi. 448, xii. 485, xiii. 502, xiv. 484  
 Maps and Map Drawing, Elderton, xii. 708 †; colouring of, Cayley on, i. 259; in the R. G. S.'s Publications, Index to, Bliss, viii. 603 †; the Projections of, Fiorini, iv. 391 †; the representation of surfaces in, Tissot, iii. 639  
 Mapoany river, French Guiana, xiii. 562  
 Mapuramuka, Mount, East Central Africa, v. 659, 690  
 Maputa river, E. Africa, vii. 430  
 Mara, town of, Cilicia Tracheia, xii. 460  
 Maragwët mount, E. Africa, iv. 746  
 Maralbashi, Central Asia, xii. 88  
 Maramasiki Passage, xii. 412  
 Maramwai, E. Africa, iv. 735  
 Maranhm Province, report on the trade prospects of, Airlie, xi. 41  
 Marao Sata, Upper Burma, xiv. 165  
 Marash, Asia Minor, xiv. 58  
 Marcapata, Bolivia, Golden Hill of Camanti at, v. 314; ravines of, v. 322



- Marcel, G., work by, and communication on Madagascar, v. 360, 558; Cartographie de la Nouvelle France, vii. 779†; Documents pour l'Histoire des Colonies Françaises, vii. 770†; on ancient maps by D'Anville, viii. 272; Carte Catalane de Dulceri antérieure à l'Atlas Catalan de 1375, ix. 784†; reproduction of ancient maps, x. 99
- Marcel, Dr., on rarefied air on mountains, xi. 100
- Marche, A., Trois voyages dans l'Afrique occidentale, i. 345†; expedition to the Malay Peninsula and Philippine Islands, iv. 383; exploration of the Calamian Archipelago, vii. 191; award of Paris Society's medal to, viii. 273, 471; explorations in Saipan island, Marianne Group, ix. 759; Luçon et Palaonau, ix. 779†
- Marco Polo, Book of, Fac-simile of a fourteenth-century manuscript of, Nordenskiöld, iv. 389†
- Marconi, M. Jules, on the origin of the name America, xiii. 43
- Mardian Hills, etc., Hoidich, i. 372\*
- Mareale chief, xii. 335
- Marenga's village, Lake Nyassa, i. 300
- Marengi or Umrengi river, xii. 147
- Marereni, E. Africa, xii. 130
- Marescaux, Lieutenant, visit to Christmas Island, x. 616
- Margary, A. R., memorial to, ii. 568; particulars of the murder of, iv. 729
- Margry, P., Mémoires et Documents pour servir à l'Histoire des Origines Françaises des Pays d'Ostre-Mer†, i. 285, iv. 122, ix. 262, x. 742; note on the same, ii. 320
- Marguin, M., projected exploration of the Pilcomayo, v. 496, 740
- Mari tribe and country, i. 57
- Maria tribe, Mardian hills, i. 378-381
- Mavienbad, maps of environs of, Austrian Mil. Geo. Institute, ii. 714
- Marine surveys, progress of, since 1831, iii. 623
- Marinel, M. le. See Le Marinel.
- Marinelli, G., Materiali per l'Altimetria Italiana, vii. 860†; Le Alpi Carniche, xi. 53†
- Marinjab oasis, Persia, xiii. 655
- Maritime discovery, etc., 1831-81, review of, Evans, iii. 621
- Maritime Province, Study of the. Ancient and Modern, Lenthéric, i. 809†
- Maritime range, Brazil, viii. 356
- Marakan Su, xiv. 10
- Markham, C. R., the Arctic Expeditions of 1878, i. 16\*; Passes on the Afghan Frontier of India, i. 38\*; the Upper Basin of the Cabul River, i. 110\*; the Basin of the Helmund, i. 191\*; Journeys of Bogle and Manning in Tibet, i. 344†; Address on the Progress of Geography, 1879, i. 353\*; at British Association, i. 602\*; the Valley of the Don,
- Markham, C. R.—continued—  
i. 675\*; on the State of the Naval Surveys, i. 734\*; in India, i. 736; Schwatka's expedition to King William Land, i. 657; Translation of Acosta's History of the Indies, ii. 709†; Peru, ii. 710†; Peruvian Bark, iii. 62†; Leigh Smith's Arctic Discoveries in 1880, iii. 129\*; receives medal for Leigh Smith, iii. 434; Progress of Arctic Research since the founding of the British Association, iii. 673\*; Baffin's Voyages, iii. 764†; Measures for the Relief of the *Jeannette*, iv. 28\*; on Instruction in Navigation, etc., in England, iv. 296\*; the Basins of the Amaru-Mayu and the Beni, v. 313\*; on the high latitude reached by Lockwood, vi. 538; memoir on the Indian surveys, vii. 691, 692; obituary of Felipe Paz Soldan, ix. 386; communicates account of James's journey in Peru, ix. 505; famous sailors of former times, ix. 524†; award and presentation of Founder's medal to, x. 300, 466; Sul punto d'approdo di Cristoforo Colombo, xi. 462†; Life of John Davis, xi. 701†; obituary of R. H. Major, xiii. 489; on the death of Mr. Bates, xiv. 192, 254; on the discovery of the Galapagos Islands, xiv. 314; on navigation schools, xiv. 407, 408; Columbus and the Fourth Centenary of his discovery, xiv. 585\*; remarks at evening meetings, i. 730, iii. 419, 470, 721, v. 226, 266, vii. 57, 88, 285, xi. 150, xiii. 547, xiv. 394
- Markham, Commander A. H., Northward Ho!, i. 479†; Arctic cruise of, i. 663; the Arctic Campaign of 1879 in the Barents Sea, ii. 1\*; the voyages and works of John Davis, ii. 326; visit to the Galapagos Islands in 1880, ii. 634, 742\*; voyage of the *Jelbora* to Novaya Zemlya in 1879, iii. 116†; letter to Mr. Leigh Smith, v. 226; report on the relief of Greely, vi. 221; Hudson's Bay and Strait as a Navigable Channel, x. 549\*; Sir John Franklin and the North-West Passage, xiii. 509†; remarks at evening meetings, i. 37, viii. 175
- Markham river, New Guinea, ix. 310
- Markland, Newfoundland, vii. 29
- Markow, M. E., ascent of Mount Ararat, xi. 109
- Marmolata, Austrian Alps, height of, x. 454
- Marmora, Sea of, Admiralty surveys in, ii. 418
- Marno, E., Aufnahme des Bahr-el-Ghasal (map), iv. 453; death of, v. 605
- Morocco. See Morocco.
- Maroni river, Guiana, xiii. 565
- Marques, A. S., Portuguese Expedition to the Muata Yanvo, etc., xi. 574†
- Marquina, P. R., República Argentina, xii. 707†
- Mara, latitude and height of, vi. 251
- Marsden, Mr., surveys in Sumatra, i. 760, 763

- Marseilles, Geographical Society of, proceedings of, iii. 55, 571, iv. 114
- Marseilles, topographical plan of the commune of, Lan, ii. 203
- Marsh, M. H., obituary of, iii. 398
- Marshall and Watt, Messrs., ascent of mountains in Dominica, i. 596
- Marshall, Prof. A., on lands still available for European settlement, xiii. 33
- Marshall Islands, viii. 552, 555, xiv. 709; the Country and People, Hager, ix. 322 †
- Martel, E. A., Promenades et Recherches dans les Cévennes, viii. 411 †; Le Cañon du Tarn, viii. 411 †; Le Causse Noir et Montpellier-le-Vieux, viii. 411 †; on the Katastrothrae of the Morea, xiv. 466; exploration of Creux de Souci, xiv. 556; Le Tindoul de la Vayassière, xiv. 722 †
- Martial, Capt., scientific expedition to Cape Horn, vi. 348
- Martin, Capt. G., Survey of the Kurram Valley, i. 617 †
- Martin, J., journey in Amur region and Island of Saghalien, iv. 105; in Eastern Siberia, viii. 532, ix. 203, 378; in China, xii. 45; Paris Society's medal awarded to, ix. 255
- Martin, K., Reise ins Gebiet des oberen Surinam, viii. 346 †; Reise nach Niederländisch West-Indien, und darauf gegründete Studien, ix. 520 †; Westindische Skizzen, ix. 461 †
- Martin, W. R., Text Book of Ocean Meteorology, x. 54 †
- Martinière, H. de la, explorations and archaeological researches in Morocco, vi. 421, xi. 48, 181; Essai de Bibliographie Marocaine, viii. 672 †; photographs of Morocco, xi. 324; Morocco, xi. 513 †
- Martins, C., Du Spitzberg au Sahara; Étapes d'un Naturaliste, etc., ix. 524 †
- Martins cataract, viii. 520
- Martyn, Henry, Smith on, xiv. 877 †
- Maruchak, fort of, Afghanistan, vii. 283, 285, 565
- Marungu tribe and county, East Central Africa, ii. 308, 733
- Marun-Kunke ridge, Bolivia, v. 322
- Marup, N. Borneo, iii. 196
- Marutse country, S. Africa, ii. 177; Ma-bunda Empire, Holub on the, ii. 261
- Marvin, Ch. Col. Grodekoff's ride from Samarcand to Herat, etc., iii. 59; Russian Campaign against the Akhal Tekke Turcomans, etc., iii. 114 †; Merv, the Queen of the World, iii. 319 †; the Petroleum of the future, vi. 100 †; the Russians at Merv and Herat, vi. 235 †; the Petroleum Question, xi. 755 †
- Masa, position of, xii. 135
- Masailand—**  
 Account of, Farler, i. 92  
 Journeys in, Fischer, vi. 76 \*, Last, v. 166, Thomson, vi. 690 \*  
 Native routes through, i. 137, 138, Farler on, iv. 606, 730 \*, Wakefield on, iv. 742  
 Notes on, Last, iv. 224
- Masailand—continued—**  
 Route to, south of the Luvu, iv. 739  
 Through, Thomson, vii. 258 †  
 Work on, Fischer, viii. 128 †
- Masai tribe—**v. 166, 380, 523, 524, 528, vi. 79, 551 *et seq.*, 700 *et seq.*, vii. 155  
 Attack on mission station, viii. 525  
 Language of, table of words and phrases, v. 534  
 Notes on, Farler, i. 92 \*, Last, iv. 224, v. 528 \*, Stevens, xii. 232  
 Visit to, Last, v. 517 \*
- Masalsky, Prince, excursion in the Kars district, ix. 429; on agriculture and colonization in the province of Kars, x. 236
- Ma-sam-pho harbour and village, Corea, v. 274, 278, 597; distance and stages from, to Ssul, v. 279
- Masanje, E. Africa, iv. 483
- Masasi district, Johnson's explorations in, iii. 421; Maples on, ii. 337; Universities' mission station at, rumour of destruction, v. 397
- Masaya volcano, Central America, v. 670
- Maschek, R., maps by:—Alps, section of, for tourists, ii. 396; Carinthia and Carniola, parts of, iv. 518; Salzkammergut, viii. 540; Trient, Rovereto, etc., environs of, iii. 443
- Masherbrum mt., xiv. 758
- Mashhad. See Meshed.
- Mashonaland, vi. 33—**  
 British occupation of, xii. 649  
 Correspondence respecting the action of Portugal, xii. 246 †  
 Drawings on rock in, by Bushmen, xiv. 238  
 Explorations in, xiii. 392, 393; Knight-Bruce, xii. 346 \*; Selous, iii. 352, v. 268, 269, x. 164, xii. 146 \*  
 Geography and Meteorology of, Notes on, Swan, xiv. 299 \*  
 Gold mines of, x. 729, xiii. 12; ancient workings, xiv. 288  
 Map of, Selous, xiii. 722  
 Photographs of, Fry, xiv. 272  
 Plateau of, xii. 150  
 Ruins in, xiii. 14, 15; Bent's explorations of, xiii. 85, xiv. 273 \*  
 Stations in, lists of, with altitudes, Swan, xiv. 303
- Mashona tribe, iii. 307, viii. 66, 68, 69, xii. 346, 654, xiii. 14
- Mashukulumbwe tribe, Upper Zambesi, x. 648, xi. 218, 219
- Mas Latric, L. de, L'Île de Chypre, i. 283 †
- Masogo village, E. Africa, vi. 651
- Mason Bay, Col., on nilometers, iv. 387; on the railways of the Soudan, v. 299; position of Magungo, xi. 644, 645; on the river at the southern end of Albert Nyanza, xii. 40; on the discovery of Mount Ruwenzori, xii. 170
- Mason, G. H., Life with the Zulus of Natal, i. 204 †
- Mason, J. W., movable diagram of the seasons, etc., viii. 352, x. 809

- Masondrano, routes from, iv. 532  
 Mussabe, W. Africa, v. 711  
 Massachusetts, Rand, McNally & Co.'s pocket maps of, xiv. 138  
 Massari, Lieut., expedition in Central Africa, ii. 764, iii. 560, iv. 111. *See* Matteucci.  
 Massi-Kessi, S. E. Africa, xiv. 860  
 Massowah, district of, area and population, vii. 104; maps of, x. 58, 323; Cora's, ix. 396; island of, vii. 95, 98; town of, xiv. 707  
 Mastuj, Kafiristan, height of, vi. 14  
 Masubia tribe, Central Africa, iii. 212  
 Mata peak, Himalayas, v. 615  
 Matabilliland—  
   And the Victoria Falls, Oates, iii. 636 †  
   Climate of, ii. 506, xiii. 9, 10  
   Explorations in, Deele, xiv. 719; Oates, i. 790; Selous, x. 293\*; note on his map, x. 296  
   Gold fields of, map of, Rugg, xii. 772; their boundaries, etc., *id.*, xii. 770; northern, prospectors' map of, Bowler, xi. 703  
   Haynes on, ix. 692  
   Heights of places in, Croonenbergh, iii. 178  
   Map of, Cawston, x. 812  
   Maund on, xii. 648\*, xiii. 1\*; note on his map, xiii. 18, 114  
   Missionary influence in, xiii. 9  
   Notes on, Patterson, i. 509  
   Population and extent of, i. 710  
 Matabili tribe, iii. 4, ix. 693, x. 729, xiii. 5, 6, 374  
 Matadé, Lower Congo, position of, xiii. 36; starting-point of railway, xi. 571  
 Matai formation, New Zealand Alps, vi. 63, 64  
 Mataka, chief, iv. 484; position of his town, iii. 421  
 Matambwe tribe, E. Africa, iv. 75, 80  
 Matapwiri route, xii. 141  
 Materbert Island, New Britain, iii. 93  
 Matetsi river, Central Africa, xi. 221  
 Mathematical geography, wall map for the teaching of, vii. 272  
 Mathers, E. P., the Gold Fields re-visited, etc., x. 315†; on the salubrity of Barberton, S. Africa, x. 441; Golden South Africa, xi. 254†; Zambesia, England's El Dorado in Africa, etc., xiii. 694†  
 Matheson, H. C., Railways in China, xiv. 723†  
 Mathews, E. D., Up the Amazon and Madeira Rivers, i. 742†; on Eastern Bolivia, etc., iii. 418; British Guiana and Venezuela, x. 315†  
 Mathiesen, Gen. H., Etude sur les Courants, etc., dans l'Océan Atlantique, xiv. 876†  
 Mathieson's map of the railway systems in England and Scotland, ii. 327  
 Mathieu, C., Colonie du Sénégal, vi. 614  
 Matipa, district of, vii. 605; peninsula of, vii. 334  
 Matitánana river, Madagascar, iv. 526  
 Matola chief, ii. 343, vii. 159  
 Matopo range, South Africa, xiii. 3  
 Matoshkin Shar, ii. 3, 6, 21, 25, 26, 641, v. 213  
 Matsiatra river, Madagascar, iv. 522  
 Mattei, Captain, journey to Lukoja on the Niger, v. 43; photographs of the Lower Niger, v. 558, 560  
 Matterhorn, Ascent of the, Whympier, i. 809†  
 Matteucci, Dr. P., Spedizione Gessi-Matteucci. Sudan e Gallas, i. 610\*; expedition in Central Africa, ii. 317, 507, 564, 691, 764, iii. 500, 743, iv. 111.  
 Matthews, Dr. Percy, on the depth of the frozen soil in the Polar regions, ix. 769, 773  
 Matthews, J. W., Incwadi Yami (South Africa), x. 476†  
 Matthews, W., the Flora of Algeria, ii. 782†  
 Matto Grosso mountains and plateau, S. America, iii. 408, viii. 517, 518  
 Matumbato district, E. Africa, vi. 701  
 Matungeh peak, Afghanistan, i. 629, 630  
 Matupi volcano, New Britain, viii. 551, ix. 4  
 Matveyeff, Col., journey into Badakshan, ii. 249  
 Matyushin Shar. *See* Matoshkin.  
 Mau Escarpment, East Africa, xiii. 195, 196; plateau, xiv. 821  
 Mau Shans, the, v. 673  
 Maui cannibal tribe, ix. 473  
 Mauch Berg, South Africa, altitude of, x. 439  
 Mauch, K., on the positions and ruins of Zimbabwe, xiii. 18 note, xiv. 280  
 Maucka Cove, Saghalin island, ii. 567  
 Maudslay, A. P., collection of sculptures from temple on Usumacinta river, vi. 74†; Explorations in Guatemala, etc., v. 45, 98, 185\*, 385; Exploration of Ruins at Copan, Central America, viii. 568\*; explorations in Central America, ix. 345; fourth expedition, xi. 239; remarks at evening meetings, viii. 565, xii. 220  
 Maui, population of, vii. 462  
 Maulmain, railway route to China through, viii. 5, 6, 7, x. 120, 131  
 Mauna-Loa, volcano, eruption of, Green on, iv. 61  
 Maund, E. A., on position of towns in Matabeleland, x. 296; on British Zambesia, xii. 649\*; on Matabele and Mashona lands, xiii. 1\*; note on the map of the same, xiii. 114; on European settlement in tropical South Africa, xiii. 35; remarks on the ruins of Mashona-land, xiv. 305  
 Maundrell, H., Journey from Aleppo to Jerusalem, A. D. 1697, xiii. 244†  
 Maungu mount, E. Africa, iv. 749, vi. 554, 562

- Maunoir, C., *L'Année Géographique*, i. 346 †; report of Paris Geographical Society, v. 44, vi. 93; Congrès des Sociétés Savantes, xiii. 124 †
- Maurel, M., journey in Morocco, vi. 421; scientific mission to Cambodia, viii. 533
- Mauri, E. Africa, iv. 732
- Maurice, Colonel J. F., Military History of the Campaign of 1882 in Egypt, ix. 780 †
- Maurilaun, F. K., *Die Schneckengrenze im Gebiete des Mittleren Innthales*, x. 395
- Mauritius, as it was before the Cyclone, xiv. 869 †; Expedition of the Earl of Crawford and Balcarres to, in 1874, viii. 131 †; First Establishment of the Dutch in, Bonaparte, xii. 301 †; Geography of, Decotter, xiv. 132 †, Duprey, xiv. 871 †
- Maurus river, Tibet, vii. 70. *See* Mur-ussu.
- Maury, Life of, Corbin, x. 479 †
- Mausolea, Imperial Chinese, Bourne on, v. 23 \*
- Mavia (Mabiha) hills, East Africa, v. 399; plateau, iv. 73, 781; tribe, iv. 79, v. 393, 398-402, vii. 433; words, table of, v. 403, 404
- Maviti tribe, E. Africa, ii. 344, iv. 76, 77, 80, 83, v. 897
- Mawa, village of, vii. 115 *and note*
- Mawega Mlenga, rocks at, v. 520
- Mawenzi peak. *See* Kimawenzi.
- Maximowicz, Prof. C. J., Beiträge zur Kenntniss des Russisch-chen Reiches (in part), ix. 517 †; Scientific Results of Prejevalsky's Travels, xii. 571 †; on the floras of Tibet and Mongolia, xiii. 181
- Maxinga, Andrada's journey to, in 1881, iv. 417
- Maxwell, Capt. W. H., visit to the Caroline Archipelago, iv. 92
- May river, North-West Australia, v. 723
- Mayango, chief of Boshende, vii. 363
- Maybole range, Ferguson island, xi. 536
- Mayers, W. F., on stone figures at imperial Mausolea, China, v. 27 *note*, 28
- Mayin district, xiii. 291
- Mayne, Admiral, on a possible communication between Skyring water and Smyth's channel, ii. 706; Summary of Explorations in British North Borneo, x. 134 \*; obituary of, xiv. 473
- Mayo, Earl of, Journey from Mossamedes to the Cunéné, v. 458
- Mayo Kebbi. *See* Kebbi.
- Mayo tribe, Vera Cruz, ix. 568, 570
- Mayor island, New Zealand, Goldsmith on, vii. 613
- Mayumba, physical characteristics of, viii. 330
- Mayu-tata, river, Bolivia, iii. 405, v. 313
- Mazanderan, N. Persia, inhabitants of, v. 69
- Mazar, Central Asia, iii. 350
- Mazar-i-Sharif, road to, ix. 104
- Mazar-Mondjilik-Khanum plain, xii. 163
- Mazar-Tagh hills, ix. 734, xii. 30
- Mazarami river, Brit. Guiana, iv. 455, 470
- Mazdurán or Mestorian, i. 169, 170
- Mazindi, E. Africa, iv. 732
- Mazinjire tribe, viii. 84
- Mazizima Bay. *See* Fernão Veloso.
- Mazoe river, xii. 146-148; gold fields of, xii. 654, xiii. 12, xiv. 299; Andrada's journey to, in 1881, iv. 417
- Mazures, Bishop T. des, on the Sampo and the Irawadi, vii. 311; on the countries between Tibet, Yunnan, and Burma, ix. 355, 367
- Mazwah mountains, ii. 236
- Mbam river, Cameroons, xiii. 564
- M-bangi river. *See* Molungi.
- Mbarutiani, chief and kraal, Masai country, v. 541, 548
- Mbarfery, latitude and height of, vi. 251
- Mbaw river, Cameroons district, xii. 464
- Mbé country and people, xiv. 525
- Mbile river, West Africa, xiii. 176
- Mbo tribe, ix. 115
- Mbomo river, Central Africa, ix. 402, 409, xiii. 176
- Mbura river, Central Africa, vii. 456, viii. 631
- McArthur, A., explorations in the Arctic regions, ix. 246
- McCall, A., mission to the Congo, ii. 412, iii. 176, 360; death of, iv. 45
- McCarthy, J., Journey Across China, from Chin-Kiang to Bhamo, i. 127, 489 \*
- McCarthy, James, on Siam, x. 117 \*, 132, 133; award of Murchison Grant to, x. 300, 468; longitude observations in Siam, xiii. 111
- McCarthy, Rev. E. F. M., on the place of geography in education, viii. 716
- McClintock, Sir L., remarks at evening meetings, i. 35, ii. 37, v. 224, viii. 56, 172, 769, xi. 483; his search for Sir John Franklin, ii. 660, 661
- McConnell, Mr., surveys in northern British Columbia, x. 382
- McCormick bay, xiv. 698
- McCormick, R., Voyages of Discovery in the Arctic and Antarctic Seas †, vi. 236, x. 610
- McChindle, J. W., Ancient India, as described by Ktésias, iv. 443 †; *id.*, by Ptolemy, vii. 766 †
- McCulloch, Major, on Manipur, xiii. 293
- McDonall, Vice-Consul, on the port of Muhamrah, xiii. 297
- McKwan, Mr., grant awarded to, vi. 340, 418; journey in E. Africa, vi. 579
- McFarlane, Rev. S., Among the Cannibals of New Guinea, x. 478 †
- McFarlane River, Athabasca, v. 640, 648
- McGill, G. A., on the Bishnoies of Rajputana, vi. 593
- McGrigor, A. B., obituary of, xiii. 400
- Mehesa's town, viii. 70
- McIlwraith, mount, Owen Stanley range, xi. 606, xii. 210
- McKay, —, Exploration of Mt. Cook, vi. 63

- McKerrow, Jas., Report of the Survey Department, New Zealand, vii. 127, xi. 121 †
- McLean, M., Echoes from Japan, xi. 749 †
- McNair, W. W., expedition into Chitral, v. 552, 720, 733; vi-it to Kafiristan, vi. 1 \*; Grant awarded to, vi. 340, 418; obituary of, x. 612, 684; Memoirs of, Howard, xii. 184 †
- McNeill, Sir John, obituary of, vi. 381
- McTurk, M., exploration of the upper Cuyuni, iv. 695; visit to Mt. Roraima, vi. 672
- Méa, P., Carte de l'Afrique Occidentale, vii. 60
- Meakin, J. E. B., Morocco as a field for geographers, xiii. 630
- Means, Rev. J., on American missionary expedition to Africa, ii. 45
- Mecca, six months residence in, Hurgronje, ix. 257; work on, with illustrations, *id.* †, x. 736, xi. 313
- Méchin, Baron, journey in Asia, vi. 48
- Mechow, Major von, explorations of the Kwango, i. 75, ii. 778, iii. 573; map of the same, Kiepert, iv. 709; *id.*, large scale, vii. 60; on the southern tributaries of the Congo, v. 239
- Mecklenbourg, map of, Malte-Brun, ix. 463
- Meda river, North-West Australia, v. 723
- Medals and grants, award of, i. 466, ii. 311, 446, iii. 316, 431, iv. 431, v. 296, 417, vi. 341, 415, vii. 345, 474, viii. 400, 465, ix. 311, 452, x. 300, 466, xi. 305, 310, 449, xii. 288, 471, xiii. 294, 491, xiv. 316, 485
- Medamūd hills, ix. 674
- Medellin, Colombia, v. 261
- Medical Geography, Bordier, vi. 55 †
- Medina, J. T., Ensayo acerca de una Mapoteca Chilena, etc., xii. 248 †
- Mediterranean Sea—**  
Beyond the: (Kabylin, Aurès, and Kroumir, Fallot, ix. 649 †  
Botanical changes on shores of, iv. 635  
Cassell's Picturesque, iv. 878 †  
Deep-sea explorations in, Austrian, xiv. 121, 375; Italian, v. 489  
Deposits, composition of, Buchanan, xiii. 734  
Depths in the, xi. 724  
Hand-book to, Murray, xii. 244 †; Playfair †, iii. 58, v. 182  
La Côte d'Azur, Liégard, x. 736 †  
Levels of the, viii. 23  
Map of (and Northern Africa), iv. 187; *id.*, Seruë and Van Otterloo, i. 815  
Physical and Historical, Playfair's address on, xii. 620  
Structural development of the basin of, xiv. 645, 646  
Winter Resorts in, Bale, xiii. 183 †  
Work on, Schweiger-Lerchenfeld, xi. 463 †
- Medjerda, delta of, Fischer on, ix. 243; map of, ix. 137
- Medlicott and Blanford, Messrs., Manual of the Geology of India, i. 809 †
- Mégo tribe, ix. 295
- Mehana, Turkistan, iv. 495
- Meh-kha river, ix. 369. *See also* 'Ninai-kha.
- Meh Ping river, viii. 6, 9, 15
- Meiklejohn, J. M. D., New Geography on the Comparative method, xi. 397 †
- Mei-ling pass, China, ii. 156
- Meinam and Meinam Kong. *See* Menam and Mekong.
- Meinam Chan Phraya river, Siam, x. 118
- Mei Ping river, Siam, x. 119
- Mei-yu-fu, province of, China, v. 442
- Méjow, V. T., Recueil du Turkestan, etc. †, i. 687, vi. 542, xi. 55
- Mekes district, New Guinea, ix. 74
- Me Khok river, Shan states, xiii. 705
- Mekhsas, Persia, v. 62
- Mekias of Rodah, Nilometer at the, xi. 245
- Mekinley island, China Straits, v. 508
- Mekong river**, iii. 665, iv. 616, vii. 70, 317, x. 118, xiii. 707  
Ascent of the, Réveillère, viii. 205  
Explorations of the, De Fésigny, ix. 774; Pardoux, *ib.*  
Map of the route from Bangkok to, v. 375  
Upper, Branda on †, ix. 316, xi. 512; navigability of the, x. 597  
Report on a journey in the valley of, Aroher, xiv. 194 †  
Route to China, *vid.* the, viii. 2
- Melanesia—**  
Anthropology and Folk-lore of, Codrington, xiii. 571 †  
Cruises in, 1882-84, Bridge, viii. 545 \*; Macley, iv. 768, 769, v. 47  
Languages of, viii. 547; Codrington on, viii. 280 †; von der Gabelentz on, ix. 59 †  
Missionaries of the Sacred Heart in, Jouet, xi. 320 †  
Ten years in, Penny, ix. 523 †
- Melanesian Mission, the island voyage, 1885, ix. 59 †; tribe, New Guinea, vi. 209, 210
- Melapi, village of, North-East Borneo, v. 92
- Melbourne, *Argus* and *Age* expeditions to New Guinea, vi. 37, 217, 371; Geographical Society of, expedition to New Guinea, vii. 383; longitude of, Peek, v. 488; map of site of, in 1837, Russell, vii. 837; population of, vii. 462
- Meldrum, Dr., map of cyclone tracks in the Indian Ocean, xiii. 644
- Melena, E., Erlebnisse und Beobachtungen eines Aufenthaltes auf Kreta, xiv. 59 †
- Mello, Barão H. de, Atlas do Imperio do Brazil, iv. 456
- Mello, Professor de, on geographical education in Portugal, x. 651
- Melrose, Dr., journey up the Panyny, iv. 295

- Melville, G. W., search for De Long, iv. 375; Report on his Expedition, v. 241 †; in the Lena Delta, vii. 261 †
- Melville, Philip, obituary of, v. 389
- Melville island, Holtze's exploration of, xiv. 862
- Memeh, R., Cameroons, x. 380
- Menangene, Cape Delgado bay, v. 395
- Menangkabau district, Sumatra, i. 764
- Menarāhaka mountain and river, Madagascar, iv. 529
- Ménard, R., *Le Monde vu par les Artistes*, ii. 713 †
- Mendaña, Spanish expedition of, discovery of the Solomon islands by, xii. 401, *et seq.*
- Mendi tribe, Sierra Leone, xiv. 425, 436
- Mendoza, Capt. B., explorations in the province of Parana, x. 650
- Menelik, King of Shoa, vii. 109, 110, viii. 526
- Menges, J., *Reise auf das Hochplateau der Somali Halbinsel* (map), vii. 135
- Mengete pass, Tian Shan, xii. 668
- Mengo, East Central Africa, xiii. 205
- Menocal, A. G., on the Nicaragua route of the interoceanic canal, ii. 138
- Menouthias island (Pemba or Zanzibar), xiii. 526, 545; Ptolemy's position of, xiii. 545
- Mense, Dr., journey up the Kwaugo, ix. 707, 780
- Menten, Père, journey from Quito to the Pacific, iii. 488
- Mentone, photographs of, Jackson, xii. 648
- Meo tribe, Siam, x. 125
- Me Ping river, xiii. 704
- Mera, Juan Leon, *Catecismo de Geografia de la Republica del Ecuador*, xiii. 244 †
- Merapi mount, height of, vii. 50
- Merbat town, viii. 100
- Mercantoura, Cima di, height of, ii. 191
- Mercator, G., *Drei Karten von Europa, Britische Inseln, Weltkarte*, xiii. 748; *La Grande Carte de Flandre, Réproduction phototypique de, Maes*, iv. 578
- Merchant shippers' and ocean travellers' atlas, T. R. Johnston, viii. 351
- Mercier, Ernest, *Histoire de l'Afrique Septentrionale*, etc., x. 603 †; *La France dans le Sahara et au Soudan*, xi. 751
- Merensky, A., map of South Africa, vi. 239; on Negro Labour, viii. 802 †
- Merewether, Col. Sir W. L., remarks at evening meetings, i. 257, ii. 244, 547; obituary of, ii. 704
- Merewether river, New Guinea, xi. 89
- Mergen wells, Turkoman desert, iv. 219
- Mergui Archipelago, the Setungs of the, Anderson, xii. 434 †
- Merian, M., *Skizze seines Lebens*, etc., Eckhardt, ix. 720 †
- Mérída, Cordillera of, etc., Sievers, x. 604 †
- Meridian, prime, Holdich on, xiii. 615
- Merk, M., journey through Sistan, viii. 331
- Merk-z, ruined castle of, viii. 96
- Meroe island, Ptolemy's position of, xiii. 543
- Merrifield, Mr., instructor in navigation, iv. 307
- Merrill, S., East of the Jordan, iv. 182 †
- Merriman, C. C., *Lectures, etc., Scientific and Literary, and on Foreign Travel*, viii. 408 †
- Merseburg, map of the district of, ix. 327
- Mertons, Prof., Banda, Timor and Flores, xi. 459 †
- Mertvykuldak, Gulf of, Trans-Caspian region, v. 392
- Meru mountain, E. Africa, v. 547, vi. 82, 696
- Meruchak, Afghanistan, vii. 580
- Merv—**  
 And Herat, Nomenclature of the Country between, Vambéry, vii. 591\*; *id.*, Goldsmid on, vii. 823  
 And its Surroundings, O'Donovan, iv. 345\*  
 Desert of, iv. 355  
 District, surveys in the, ix. 436  
 History of, i. 188, iii. 530, vii. 578  
 Map of, Hassenstein, vi. 613; Lessar, v. 43  
 Oasis, area of, vii. 401; O'Donovan on, iv. 771 †; position of the capital of, v. 43, 561  
 Present condition of, ix. 51  
 Road to, Rawlinson, i. 161\*  
 Route from, to Herat, v. 4  
 The Queen of the World, Marvin, iii. 319 †  
 Town and oasis of, xi. 285, 286  
 Villages between Penjleh and, vii. 580  
*note*  
 Merv-dasht plain, Persia, v. 139, xiii. 291  
 Merv-er-Rud, Afghanistan, viii. 580 *and note*  
 Mervis tribe, viii. 146  
 Méry, M., exploration in the Sahara, xiv. 560, 707  
 Merzbacher, Herr, travels in the Caucasus, xiii. 723  
 Mesa valley, Caucasus, xiii. 317, 318  
 Mesaorea plain, Cyprus, xi. 709  
 Meshed, ancient city of, i. 180; Position of, Holdich, vii. 735\*; roads from, to Ashkhabad, viii. 401; to Afghanistan, v. 6; to Sarakhs, iv. 497  
 Meshra er Rek, latitude of, vi. 251  
 Meskakeh, Arabia, ii. 84  
 Meslée, M. Martin ls, on the Australian Geographical Society, v. 104, 560  
 Mesny, W., journey from Canton to Kwei-Yang-fu, ii. 651; discovery of ancient Lolo folio by, v. 447; Tungking, vi. 483 †; on gold-washing in Tibet, vii. 544  
 Mesopotamia, South, geography and ethnography of, Moritz, x. 391, 392  
 Messedaglia, G. B., *Diario Storico Militaire delle Rivolte al Sudan dal 1878 in poi*, ix. 261 †  
 Messent peak, Caucasus, xiii. 319



- Messer, Dr. [misprint for Mense, q. v.]  
 Mestia pass, Caucasus, x. 338 *note*  
 Mestorian, city of, i. 178, 179; aqueduct to, i. 178  
 Metchnikoff, M., on the progress of geographical science in Japan, iii. 759;  
 Les Grands Fleuves Historiques, x. 318 †  
 Metemo ruins, xiv. 292  
 Meteorites, Distribution of, upon the Earth's Surface, Pfeil, i. 744 †  
**Meteorological**—  
 Charts for the Cape ocean district, iv. 520  
 Committee, international, meeting at Berne, 1880, ii. 638  
 Council of Royal Society, Report of, viii. 409 †  
 Department of Government of India, Report on, viii. 342 †  
 Expeditions, Polar, Austrian, v. 378, 486, 554; British, v. 378; Danish, v. 166, 603; Dutch, v. 166, 176, 378, 486, 556, 603; German, v. 378, 555; Norwegian, v. 378; Russian, v. 231, 378, 890, 400; Swedish, v. 378, 486, 554; United States, v. 378, 602  
 Observations at the Stations of the Royal Engineers abroad, xii. 439 †; in Barbadoes, x. 593; in German New Guinea, Supan on, xiii. 176  
 Observations in the Atlantic Ocean, Prince of Monaco on, xiv. 622  
 Record, published by the Imperial Academy of Sciences, edit. Wild, viii. 409 †  
 Results of the *Challenger* Expedition, Buchan on, xiii. 137 \*  
**Meteorology**—  
 Of Devonshire, Peek on the, vii. 248  
 On the need of teaching in, Dickson, xiv. 714  
 Text-book of, Mohn, v. 242 †  
 Methlin and Thasos, Geological Description of, De Launay, xiv. 658 †  
 Metro district and town, E. Africa, iv. 84, 85, vii. 666  
 Metric system, Forster on the, xiii. 733;  
 A plea for the meter, Ravenstein, ix. 705  
 Metz, Geographical Society of, publication of, i. 404 †; map of neighbourhood of, v. 115  
 Meucci, F., Il Globo Celeste Arabico del Secolo XL, i. 814 †  
 Meunier, M. S., on the geological results of Dybowski's expedition, xiv. 634  
 Meurer, J., Distanz- und Reisekarte von Tirol, etc., ix. 526  
 Meurth, C. A., Neueste Comptoir- und Reisekarte der bayerischen Rhein-Pfalz, iv. 775  
 Meuse, map of the department of the, Beckerich, vi. 428; plan of the river, xi. 321  
 Mexican Central Railway, vi. 596  
 Mexicans, Face to Face with the, Gooch, xiii. 127 †
- Mexico**—  
 Aborigines of Vera Cruz, Baker on, ix. 568 \*  
 Anthropology of, Castillo and Barcena, viii. 411  
 As it is To-day, Prida y Arteaga, xiv. 874 †  
 Atlas, Historical, of, Cubas, vii. 494  
 A White Umbrella in, Smith, xi. 462 †  
 City of, position of, Jimenes and Fernandez, iii. 106  
 Commercial charts of, Bianconi and de Balestrier, xi. 634  
 Conquest of, history of, v. 266  
 El Algodonero, Memoir by D. Gutierrez, xi. 633 †  
 Excursions in the Forests of Central America and, Oswald, iii. 380 †  
 Explorations in, Charnay, ii. 776, iii. 501, iv. 565; Heilprin, xiii. 239 †  
 Forest region of, xii. 429, 431  
 Geographical Exploring Commission, Report on, Diaz, xi. 633 †; Names of, Penafiel, viii. 407 †; Study of, Cubas, xi. 633, 634 †  
 Geography, History, etc., of, Cubas, vii. 488 †; Sketch of, Orozco y Berra, iv. 122 †  
 Geological map of, xii. 774; structure of coast line (Eastern), xiv. 649  
 Geology and Palaeontology of the Cretaceous Deposits of, Heilprin, xiii. 240 †  
 Guide to, Appleton's, Conkling, xiii. 127 †; Janvier, viii. 536 †; Merchants' and Tourists', Zarembo, vi. 55 †  
 Handbook to, Hamilton, vii. 56 †  
 Inundacion de la Ciudad de Leon (map), xi. 639; *id.*, de Lagos, *ib.*  
 Journey to, Leclercq, vi. 618 †  
 Journeys in, 1874-75, Ratzel, i. 78 †  
 La Ramirisa, xi. 633 †  
 Maguey of, Study on the Various Products of, xi. 634 †  
 Maps of:—xii. 774; Colton, xii. 189; Cubas (oro-hydrographical), i. 351; Rand, McNally & Co. (general), iv. 581, (township, county, and railroad), iii. 444  
 Medicinal Waters of, Study on, Lobato, xi. 634 †  
 Mining Laws of, xiv. 572 †  
 Mountain flora of, Heilprin on, xiv. 473  
 Noticia historica de la riqueza minera de, Ramirez, xi. 633 †  
 Of To-day, Brooklehurst, v. 241 †; *id.* Saint-André, vi. 236 †  
 Old Mexico and her Lost Provinces, Bishop, vi. 102 †  
 Photographs of, xiv. 432  
 Progress and Commercial Possibilities of, Howell, xiv. 342 †  
 Rapport du General Porfirio Díaz, xi. 634 †  
 Toltec migration, map of, Thuillier, vii. 136  
 Travels in, Seler, xii. 438 †  
 Trip to, Becher, ii. 782 †

**Mexico—continued—**

- Volcanoes of, barometrical observations on, Heilprin, xii. 754  
 Meydell, E. von, on the variations in level in the Black Sea, viii. 269  
 Meyer, Dr. A. B., journey in New Guinea, v. 731, vi. 207, 215  
 Meyer, Dr. Hans, expeditions and ascents of Mount Kilimanjaro, ix. 682, 708, 706, x. 34, 45, 448, 708, xi. 504, xii. 37, 94, 175, 331\*, 376; Zum Schneedom des Kilimandscharo, x. 603†; journey through Usambara, xi. 39; description of the same, xi. 95, 96; of Ugueno, xii. 230; on the snow-fall on Kilimanjaro, xi. 305; on Stanley's expedition, xi. 385; Across East African Glaciers, xiii. 125†; on Ptolemy's Nile lakes, xiii. 535  
 Meyer, J., Karte d. alten Nord-Frieslandes, ii. 714  
 Meyers Kleiner Hand Atlas, xiv. 432, 884  
 Meyer's Reisebücher, Der Orient, iii. 504  
 M'Farlane river, Athabasca, v. 640, 648  
 Mfini river, W. Africa, vii. 739  
 Mfwa (Brazzaville), v. 575, vi. 75  
 Mgumi, E. Africa, iv. 732  
 M. H., Work of, in Tibet and Nepal in 1885-86, x. 89\*  
 Mhamissengo island, E. Africa, xii. 138  
 M'henge country and its people, E. Africa, i. 757, ii. 114, 116; routes to, from Dar-es-Salaam, i. 418, 419  
 Mian-i-Irak valley, i. 247  
 Miani, lake reported by, in Central Africa, v. 36; his route, ix. 406  
 Mianzini, E. Africa, xiii. 195  
 Mino-taze tribes of South China, Broun-ton's visit to the, iii. 225  
 Mia-s river, Ural mountains, discovery of limestone cave near, v. 391  
 Michailovsk and Bami, difficulties of railway between, v. 12, 20  
 Michel, Chr., Alpen-Karte, i. 348, x. 480, xi. 464; Karte von Nord Italien, vi. 486  
 Michell, Capt., note on the Irawadi exploration, iv. 560; sketch of the Abor country, Upper Brahmaputra, iv. 676  
 Michell, Robert, remarks on the road to Merv, i. 190; on the Regions of the Upper Oxus, v. 489\*  
 Michoacan, province of, Mexico, Tordy's mission to, v. 559  
 Michow, H., Die ältesten Karten von Russland, vi. 424†  
 Mico mountains, Guatemala, v. 189  
 Micronesia, Herderson on prehistoric structures in, vii. 385; MacLay's researches in, v. 47  
 Middlesex, map of, Bartholomew, iii. 117; Johnston, iii. 116  
 Middleton, Captain, voyage to Hudson's bay, x. 554  
 Midian, Gold Mines of, Burton, i. 76†; Land of, *id.*, i. 477†  
 Midnight Sun, the Land of the, Du Chailu, iii. 691†

- Midon, Abbé F., on the Ainos of Yezo, viii. 59  
 Mielberg, J., Magnetische Beobachtungen des Tifliser Observatoriums im 1879, iii. 189†  
 Miessler, A., Deutscher Geographen-Almanach, vi. 607†  
 Miete lake, Abyssinia, discovery of, v. 552  
 Miguillo, Bolivia, v. 341  
 Mihavani district, E. Africa, vi. 726  
 Mijertain country, Revoll's journey in, i. 805, 806, iii. 182; Somalis of the, ii. 373, 374  
 Mikeuye river, vii. 455, viii. 629  
 Mikhi tribe and country, Benue river, xiii. 457, 458  
 Mikindany, E. Africa, iv. 67  
 Miklukho-Maclay, M., explorations in New Guinea and neighbouring islands, iv. 768, 770; in the Malay Archipelago, Melanesia, and Australia, v. 45-47  
 Mikochene, E. Africa, iv. 732  
 Milanji Mount, E. Africa, vii. 434, 654, xiii. 271, 272; White's exploration of, xiv. 472  
 Milanow tribe of Sarawak, iii. 198-201  
 Miles, Col. S. B., coasting journey along Southern Arabia, viii. 100  
 Miles, General, expedition to Alaska, vii. 246  
 Mill, Dr. H. R., on river entrances, viii. 732; on the Ordnance maps, ix. 704; salinity of the Clyde sea area, and sea temperature on the continental shelf, x. 667; Elementary Class Book of General Geography†, xi. 576, xiv. 730; Elementary Commercial Geography, xi. 122†; its physical basis, xi. 625; the realm of Nature, xiv. 506†; the Clyde sea area, xiv. 567†; on the physical geography of the Firth of Forth, xiv. 627; on the teaching of geography in Russia, xii. 669; appointed librarian to R. G. S., xiv. 235  
 Miller, Dr. W., the Least of all Lands, xiv. 731†  
 Miller, W., notes on a part of the Western Frontier of British Honduras, ix. 420; Journey from British Honduras to Santa Cruz, xi. 23\*  
 Mills, W. W., journey across Australia, vi. 594  
 Millson, A., the Yoruba country, xiii. 577\*  
 Milne bay, viii. 597  
 Milne, Admiral Sir A., on the amendment of the regulations, i. 471  
 Milne, Dr., on the climate of Blantyre, ix. 305  
 Milne, Prof. John, on the earthquakes in Japan, vii. 384; Earthquakes and other Earth Movements, viii. 477†; the volcanoes of Japan, viii. 671†  
 Milne-Edwards, A., scientific mission in the Atlantic, v. 360, 561, 740; submarine explorations, vi. 94, 346, 347; on the fauna of Great Comoro, vii. 611

- Milne-Edwards, M. Henri, death of, viii. 58
- Milo River, Sierra Leone, xiv. 449
- Milum, Rev. John, Journey from Lagos up the Niger to Bida, iii. 26\*
- Milz, Lieut., exploration of the Welle-Mobangi, xiii. 610
- Min river, China, xiii. 331
- Minaná Strait, Colombia, forest of vanilla orchids in, v. 260
- Minar, or shaking tower, Bostam, Persia, v. 79, 80
- Min-chia tribe, viii. 380
- Minchin, J. B., Eastern Bolivia and the Gran Chaco, iii. 401\*; Journey on the Andean tableland of Bolivia in 1882, iv. 671\*; work in South America, v. 342-385
- Minchin, J. G. C., the Growth of Freedom in the Balkan Peninsula, ix. 258†
- Ming dynasty of China, ix. 534
- Ming-Kishlag, Caspian, i. 167
- Minicoy: the Island of Women, xi. 314†
- Minnesota, Geological and Natural History Survey of, Reports for 1884 and 1885, ix. 461†
- Minorea, ancient ruins in, ii. 653
- Minusinsk Museum, Prehistoric antiquities in the, Klements, ix. 459†
- Minutilli, Prof., on science, civilization, and commerce in Africa, iv. 244
- Miongo and Miritu, names for the interior of Africa, v. 287
- Mir Abdul Latif Khán Shushtarí, on the Sabicans, xiii. 663
- Mir Alam Khan, the Amir of Kain, viii. 139, 140
- Mirambo, Chief, vii. 399, 605
- Miranda, Lieut., expedition to the Tapajos, x. 651
- Miranzai expedition, Wabab on the, xiii. 296
- Mireya, village of, Central Africa, xiii. 96
- Miri tribes, Assam, i. 126
- Mirza Aga Khan of Kalch-i-Tul, Persia, v. 150
- Mirza Jafir, Persia, xiii. 648
- Mirzapur district, Note on Pargana Dudhí of the, Conybeare, ii. 199†
- Misanguti tree of Central Africa, uses of the, xi. 691
- Misgah village, Pamirs, xiv. 221
- Mishirgi glacier, vii. 599, 600, xii. 281, 284
- Mishirgi Tau peak, Holder's ascent, and height of, xi. 361, 364
- Mishmi tribe, Upper Assam, vii. 75, 314, viii. 321, ix. 24, xi. 386
- Misima or St. Aignan Island, Louisiades, xi. 533
- Mistones, Cartas sobre, Peyret, viii. 603; Territory of, Lista, vi. 609†
- Missés glacier, Caucasus, xi. 362
- Missi-Nipi or English river, Canada, v. 649, 650
- Missionary explorations in Africa, i. 2, 360
- Missionary Packet, Voyage of the, Boston to Honolulu, 1826, Hunnewell, ii. 712†
- Missions-Atlas, Katholischer, Werner, viii. 136
- Mississippi river, viii. 369—
- Course of the, Hesse-Wartegg, iv. 122†; Discovery of the true source of the, Glazier, vii. 23
- Down the Great River; discovery of the true source of the, Glazier, ix. 717†
- Length of, ix. 120, 253
- Source of the, ix. 119; chart of, Brower, xiii. 643; claim to discovery of, Glazier, vii. 23; his map, ix. 211; Hinman on, viii. 652; Giles on,† ix. 262, 716
- Valley of, the prairies of the, xiv. 79
- Missongwo river, E. Africa, vii. 651
- Missouri-Mississippi, length of, ix. 120, 253
- Missouri river, Hayden on the source of, i. 721
- Missouri, state of, geological survey of, xiv. 815; latitudes and longitudes of points in, Woodward, xii. 362
- Mistassini lake, N. America, vi. 585, 681; Bignell's visit to, vii. 181; Quebec Geographical Society's expedition to, vii. 244
- Misti Mount, Peru, altitude of, xii. 229
- Mitchell, H. L., on the seizure of the Egyptian Geological Expedition, i. 150†
- Mitchell, Major-General, J. E., obituary of, v. 389
- Mitchell, Mrs. M., a Missionary's Wife among the Wild Tribes of S. Bengal, ix. 61†
- Mitchinson, A. W., on Holub's journey in South Africa, ii. 181; the Expiring Continent: Travel in Senegambia, etc., iii. 115†; travels in Western Africa, iii. 571
- Mitford, E. L., a Land March from England to Ceylon forty years ago, vi. 681†
- Mitford, Major-General R., Orient and Occident, x. 744†
- M'Iver, General, proposed expedition to New Guinea, vi. 578
- Miyabe, K., the Flora of the Kurile Islands, xiii. 183†
- Miyakeshima, Bonin islands, xiii. 370
- Miyomotegawa river, Japan, ix. 96
- Mizon, Lieut., explorations in the Ogowé-Congo region, vi. 96, 97, 159, 162, 376, viii. 775, et seq.; Journey from the Niger to the Congo, xiv. 412, 558, 872†
- M'Kabbas dwarf tribe, viii. 446
- Mkata river and swamp, E. Africa, iv. 280
- M'Kay, Mr., ascent of western glaciers of Mount Cook, vi. 63
- Mkomazi, East Africa, iv. 732, v. 540, x. 94
- Mkondôa district, Central Africa, iii. 563
- Mkondozi river, viii. 79
- Mkonumbi, position of, xiv. 803
- Mkopoka village and chief, East Africa, v. 400, 401
- Mkubure river, S. E. Africa, vi. 635, 645
- Mkubwe river, Central Africa, xiv. 37, 40

- Mkusi, bay and port, Mozambique, iv. 596  
 Mkula village, E. Africa, vii. 662  
 Mkulumuzi river, Usambara, i. 85, 88  
 Mlela river, S. E. Africa, vi. 153, 734, 737  
 Mlolo, chief and town of, xiii. 266, 267  
 Mloza stream, E. Africa, vii. 653, 658  
 Miuli river, E. Africa, iv. 202, vi. 153, 634  
 Miungusi river, E. Africa, vii. 662, ix. 177  
 Mo tribe, W. Africa, xii. 168  
 Moab, Heth and, Conder, v. 742 †  
 Moar river, Daly's ascent of, iv. 398-400  
 Mobangi (Welle) river, vii. 362, 455, viii. 47, 430, 614, 630, 632, ix. 298, 301, xi. 343, xiii. 394; Grenfell's journey up the, vii. 538; Van Gele's explorations of the, ix. 440, x. 234, 300, xi. 325 \*, xiii. 37, 175, 610; French boundaries on the, xii. 661; Ponsel's explorations on the, xiii. 561; Delcommune's ascent of the rapids, xiii. 722  
 Moberley, W., Rocks and Rivers of British Columbia, vii. 831 †  
 Möbius, Professor, on the Zoological and physical conditions of the Baltic, x. 173  
 Moeller-Ferryman, Capt. A. F., photographs of Kashmir and Ladak, xiii. 136; of South-west Iceland, xiii. 700; Major Macdonald's Mission to the Niger and Benue, xiv. 807 †  
 Modena, map of the province of, xiv. 348  
 Modigliani, M., Un Viaggio a Nias, xii. 245 †; exploration of Lake Toba, xii. 669  
 Moelab, Wady, viii. 730  
 Moeris basin, viii. 455, 456; latest researches in, Whitehouse, vi. 601 \*; further explorations in, etc., *id.*, viii. 730; the lake on Ptolemaic maps, *id.*, xii. 684  
 Moero lake, vii. 335. See Mwero.  
 Moesi river, Sumatra, v. 657  
 Moffat, J. S., the Lives of Robert and Mary Moffat, viii. 405 †  
 Moffat, Rev. Robert, obituary of, v. 556  
 Mogok, Burma, Ruby Mines near, Gordon, x. 261 \*; town of, its population, x. 266, 273  
 Mogoung river, vii. 302, 305  
 Mogul Empire, Travels in, A.D. 1656-68, Bernier, xiv. 501 †  
 Mohammera port, Persia, v. 125, 132, 133, xii. 515, 517; report on, xiii. 297  
 Moharek island, xii. 1, 4  
 Mohilla island, Vincent on, x. 598  
 Möhl, Dr. H., Oro-hydrographische und Eisenbahn-Wand-Karte von Deutschland, viii. 284  
 Mohler, G., Explorations dans la Patagonie Australe, xiv. 661 †  
 Mohn, Prof. H., Text-book of Meteorology, v. 242 †; the Norwegian North Atlantic Expedition, 1876-1878, v. 497 †; Darstellung des Specifischen Gewichtes im Europäischen Nordmeeres, vii. 621 †; Die Strömungen des Europäischen Nordmeeres, vii. 616 †; Grundzüge der Meteorologie, ix. 721 †; Les Orages dans la Péninsule Scandinave, x. 538 †  
 Mohun, E., map of Brit. Columbia, vii. 413  
 Moir, F., journeys in the Nyasa region, ii. 122; carriage of the steamer for Lake Tanganyika, vi. 219; on Kerr's journey from Cape Town to Lake Nyasa, viii. 87  
 Moissejeff, Lieut., Arctic voyage of, ii. 13  
 Moister, W., Africa: Past and Present, ii. 140 †  
 Mojanda mt., Ecuador, iii. 454, xiv. 128  
 Mojave river, Colorado desert, xiv. 310  
 Mojos, History of the Mission to the, Altamirano, xiv. 63 †  
 Mojsisovics von Mojsvar, E., Die Dolomiti-Riffe von Südtirol und Venetien, i. 283 †  
 Moju river, viii. 514  
 Mokhdesho. See Magadoxo.  
 Moktar-Bey, Lieut.-Col., explorations in Somaliland, ii. 630  
 Molesworth, Capt., journey on Upper Brahmaputra, viii. 99  
 Mollendo, Peru, Mansfield on the prospects of trade of, x. 455  
 Möllendorf, Dr. von, travels in N. E. China, iii. 101; on the great wall of China, iv. 99  
 Möller Bay, Novaya Zemlya, meteorological station at, iv. 570, v. 378  
 Möller, etc., Tre Ar i Kongo, ix. 261 †  
 Molokai, population of, vii. 462  
 Moloki lake, desiccation of, viii. 645  
 Moloney, Sir A., on Thompson's journey from Acera to Prabsue, v. 37; Sketch of the Forestry of West Africa, ix. 519 †; on his visit in 1888 to Lagos, xi. 58 †; Commercial Geography of Yoruba, xi. 626 \*; Notes on Yoruba and Lagos, xii. 596 \*  
 Molopo river, vi. 20  
 Moluccas, the, Bokemeyer, x. 539 †  
 Mombasa, excursion in neighbourhood of, Gissing, vi. 343; Journeys Inland from, Gissing, vi. 551 \*, Parker and Blackburn, x. 92, Stokes, vi. 464; prospects of, as an outlet for trade, x. 664; route into the interior from, vi. 565; Wakwati raid near, v. 289  
 Mombera, Dr. Laws' station at, iv. 686  
 Mombera's territory, Central Africa, iii. 263  
 Mommsen, T., the Provinces of the Roman Empire, Caesar to Diocletian, transl. Dickson, ix. 263 †  
 Monaco, Prince A. de, Sur le Gulf Stream, ix. 322 †; investigations of the Atlantic currents, x. 472, 473; Deuxième Campagne Scientifique de "l'Hirondelle" dans l'Atlantique Nord, x. 608 †; *id.*, Troisième, x. 608 †; Expérience pour déterminer la Direction des Courants, x. 608 †; Sur l'alimentation des naufragés en pleine mer, xi. 192 †; Sur les courants superficiels de l'Atlantique Nord, xi. 518 †; chart of the same, xiv. 271; *id.*, showing currents, xiv. 619; meteorological observations in the same, xiv. 622  
 Monaco (Monk) island, Farøe Isles, v. 726  
 Monal, Mount, Himalayas, v. 604, vi. 434  
 Mon-Bangi tribe, xi. 327

- Monbattu country and natives, ix. 294, 295, 296, ix. 404-407; map of Junker's journeys in, vi. 239
- Mondjilik-Khanum-Su river, xii. 163
- Mondo, E. Africa, French mission station at, v. 542
- Monet, H., Martinique, xiv. 874 †
- Mongala river, Baert's ascent of, ix. 306; Hodister's exploration of, xiii. 37
- Mongo ma Loba, crater of, vii. 184
- Mongolia**—  
 Basaltic rocks of, Venukoff on, xi. 180  
 Expeditions in—Potanin, vii. 830 †; Prejevalsky, ix. 213, 214; Yadrinzev, xii. 424  
 Inhabitants, etc. of, x. 490  
 North-western, map of Potanin and Rafailow's routes, iii. 384; Pievtsoff's expedition in, Morgun on, i. 701; Sketches of, Potanin, iv. 119 †  
 Russian Travellers in (Sosnovsky's expedition) †, vi. 54, 425
- Mongols, Among the, Gilmour, v. 367 †; nomadic, vii. 71; of Central Asia, iv. 618, 619, 621, ix. 743, 744, 747, x. 497; of Tsaidam and Koko Nor, vii. 169; or western Tartars, xii. 75 note
- Mongwe hill, E. Africa, vii. 651
- Moniga river, Mozambique, iv. 599
- Monkokwe river, Lake Nyasa, i. 305
- Monks, F., journey in S. E. Africa, xi. 608
- Monla Kachung pass, Bhutan, x. 420
- Monner Sans, R., El Reino de Hawaii, vi. 55 †
- Monnier, M., Un Printemps sur le Pacifique, viii. 62 †; journey across South America, x. 471; Voyage en Guinée, xiv. 503 †
- Mono river, West Africa, D'Albea's journey up, xiii. 178
- Monson, Sir W., on the instruction of sailors and explorers, iv. 297
- Monsoons, Blanford on the origin and character of, ix. 191
- "Montagnais," Indians, Athabasca, v. 649, vii. 181
- Montagnard, Souvenirs d'un, Russell, xi. 53 †
- Montagna river, viii. 572
- Montana district, Peru, xiv. 383
- Montano, Dr. J., expedition in the Eastern Archipelago, i. 805; in the Philippines, iii. 184, 760; visit to North Borneo, iii. 592; Voyage aux Philippines et en Malaisie, viii. 62 †; on acclimatization, ix. 691
- Monte Somma and Vesuvius, geological map of, Johnston-Lavis, xiii. 378
- Monte Video, Uruguay, ii. 664
- Montefiore, A., H. M. Stanley the African Explorer, xi. 397 †; Florida and the English, xi. 752 †; Leaders into Unknown Lands, xiv. 134 †
- Montefiore, Sir Moses, obituary of, vii. 615
- Montell, Capt., Expedition in Central Africa, xiii. 369, 560, xiv. 412, 470, 859; fixed points on the Niger, xiv. 240
- Monteiro, Mrs. Rose, Delagoa Bay, xiii. 739 †
- Montelius, Dr., study of archæology of Great Britain, v. 47, 48; archæological researches in East Gotland and Skåne, v. 178
- Montenegro, Journey into the Interior of, Schwartz, ix. 701 †; map of, Handtke, xii. 367; of boundaries with Albania, iii. 250
- Montezuma, the Tribute Roll of, Brinton, xiv. 728 †
- Montgomerie, Colonel, survey work of, vi. 442
- Montmorency valley, map of the forest of the, Ponsin, i. 746
- Montolien, F., explorations in the basin of the Orinoco, iii. 105
- Monngu river, Central Africa, ii. 618
- Mon-Zembo and Mon-Tumbi tribes, Mombangi river, xi. 327
- Monze's village, Upper Zambesi, xi. 217
- Moon, mountains of the, distance from Rhapsody to, xiii. 546; position of, xiii. 539; handy map of the, ix. 68
- Moore, A. W., note on the passes of the Caucasus, vii. 698; obituary of, ix. 200
- Moore, Commander C., the Bore of the Tsien-Tung Kiang, xi. 700 †
- Moore, J., the Queen's Empire, viii. 342 †
- Moore, J. M., New Zealand for the Emigrant, etc., xiii. 186 †
- Moorwatha, N. S. W., Government map of, v. 310
- Moose, town, Hudson's Bay, x. 566
- Moosur, Moso or Lahoo tribe, viii. 8
- Mopea, Central Africa, vii. 647, xii. 717
- Moquis of Arizona, snake-dance of the, etc., Bourke, vii. 407 †
- Morad wells, Nubian desert, vi. 327, 332
- Moraes, J. A. da Cunha, Western Africa, Photographic and Descriptive Album, viii. 60 †
- Morambala marsh, E. Africa, vii. 649; mount, xii. 717
- Morant, G. C., Chile and the River Plate in 1891, xiii. 741 †
- Morant, Mr., on Lamington's Journey through the Shan States, xiii. 722
- Moratan, Fergusson Island, xiv. 796
- Morawhanna river, Guiana, xiv. 668
- Mordva, Juridical Customs of the, Mainof, viii. 60 †
- Morea, Philippson on the settlement and commerce of, x. 801, 802; the Katsavothrae of the, Martel on, xiv. 466
- Morebringer, N. S. W., Government map of, v. 310
- Moreco, Serra do, Brazil, xii. 43
- Morehead, Mount, New Guinea, xi. 606, xii. 210
- Morena, J. L., Compendio de Geografía de Bolivia, etc., x. 604 †; Nociones de Geografía de Bolivia, xii. 248 †

- Moreno, F. P., *Viaje á la Patagonia Austral*, i. 687 †; *researches in Patagonia*, ii. 516; sketch map of the same, iii. 512; journey in Argentine Republic and Bolivia, vi. 233, 422
- Moresby, Admiral, on Powell's visits to New Guinea, v. 515; his surveys in New Guinea, vi. 204; treaty with Sultan of Tadjura, vii. 105
- Moresby island, China Straits, v. 507
- Moresby, Port, New Guinea, iv. 160, viii. 561, ix. 82
- Morfu plain, Cyprus, i. 101
- Morgan, E. Delmar, on Pevtsof's expedition in N. W. Mongolia, i. 701; Journey to Kuldja in 1880, iii. 150 †; on Regel's Journey to Turfan, iii. 340 †; Steppe Routes from Karshi to the Amu-daria, iii. 723 †; Excursion to Askja, iv. 140 †; reports on Russian geography, v. 389, ix. 433; Notes on the Lower Congo, vi. 183 †; the Congo Free State, vii. 223 †; Translation of Prejevalsky's Letter, vii. 807 †; of Account of Kossiakof's Journey, viii. 32 †; Early Travels to Russia and Persia, viii. 600 †; on MM. Bonvalot and Capus, viii. 796; Prejevalsky's Journeys in Central Asia, ix. 213 †; on Little Russia, x. 668; nomenclature of the ranges south of Lob Nor, xi. 375; Report on the Paris Geographical Congress, xi. 552 †, 601 †; Translation of Account of the Grijallos' Journey, xiii. 208 †; of that of Pevtsof's expedition, xiii. 99 †; summary of Pendulum observations in Russia, xiii. 168; on Antarctic exploration, xiii. 632; on the old channel of the Oxus, xiv. 236; Early Discovery of Australia, xiv. 808 †; remarks at evening meetings, iii. 297, vii. 89, 370, ix. 18, 172; at the dinner to Mr. Stanley, xii. 498; on the council report, xiii. 503
- Morgan, H. J., the Dominion Annual Register, etc., 1884, viii. 131 †
- Morgan, J., History of Algiers, x. 610 †
- Morgan, J. de, Mission Scientifique au Caucase, xii. 433 †
- Morgen, Lieut., explorations in the Cameroons, xii. 288, 464, xiii. 228, 563; map of his journeys, xiv. 201
- Morice, M. C., on French Cochinchina, ii. 520
- Morier, Sir Robert, report on agriculture and colonization in Semirechinsk and Kars, x. 235
- Morioka, Northern Japan, high declination near, ix. 90
- Moritz, Dr. B., on the geography and ethnography of South Mesopotamia, x. 391, 892
- Morocco—**  
 And the Moors, Leared, xiii. 568 †  
 As a field for geographers, Meakin, xiii. 630  
 Atlas Mountains of, Schnell, xiv. 426 †  
 Early expeditions to, xi. 1, 2

**Morocco—continued—**

- Explorations, etc., in, Duveyrier, vii. 339; Foucauld, vii. 547, 548; Lanz, ii. 196, 518, 519, 777, 778; Martinère, xi. 48, 181; Thomson, x. 588, 647, xi. 1 †; summary of, xi. 408
- Greck, etc., Accounts of the Geography of, Tissot, i. 151 †
- Its People and Places, de Amicis, ii. 140 †
- Journal of a Tour in, Hooker and Ball, i. 149 †
- Journey to, 1883–84, De Foucauld, x. 670 †
- Land and people of, Von Conring, ii. 269 †
- Maps of, ii. 144, xiv. 202; Lassuilly, xiv. 269
- North, further Notes on, Harris, xiii. 164 †
- North-West, Distribution of Tribes in, Harris, xi. 487 †; Trotter on, iii. 444
- Our Mission to the Court of, under Sir J. D. Hay, Trotter, iii. 442 †
- Photographs of, Martinère, xi. 324
- Population of, xi. 176
- Ride in Petticoats and Slippers in, Colville, ii. 522 †
- Southern, and the Atlas, Travels in, Thomson, xi. 395 †
- Vi-it to the Court of, Leared, i. 345 †
- Visit to Wazan, the sacred city of, Watson, ii. 782 †
- Works on, Martinère, xi. 518 †; Loti, xii. 301 †
- Moroquane district, S. Africa, ii. 695
- Morot, M. J. B., bequest to Paris Geographical Society, vii. 547
- Morris, D. F. van Braam, journey to New Guinea, vii. 172, 182, 253, 423
- Morris, H., Historical Account of the Godavery District, i. 147 †
- Morris, Mount, Australia, xiv. 181
- Morrison, G. E., expedition in New Guinea, v. 740, vi. 87, 217, 372
- Morrison, G. J., visit to the new course of the Yellow River, i. 127; Journeys in China, ii. 145 †; on the Yellow River, v. 104
- Morrison, Mount, Formosa, vii. 20
- Morse, E. S., Ancient and Modern Methods of Arrow-Release, ix. 264 †; Japanese Homes and their surroundings, ix. 459 †
- Moruka River, Guiana, xiv. 670–674
- Moscow, Geographical Exhibition at, xiv. 407
- Moseley, Prof. H. N., Notes by a Naturalist on the Challenger, i. 346 †; remarks on geographical appliances, viii. 124; on the scientific aspects of geographical education, viii. 198; on geology in relation to geography, ix. 146; obituary of, xiii. 730
- Mosella river, E. Africa, xii. 138
- Moser, G., Cartes des Chemins de Fer Français, i. 746



- Moser, H., À travers l'Asie Centrale, viii. 275 †
- Moshin-abad, v. 10
- Mostonas, M., on the Hadéndoas, v. 299
- Mosira, East Africa, position of, v. 551
- Moslem population of Asia Minor, vi. 313
- Mosquera, General, work on the geography of Colombia, v. 266
- Moss, F. J., through Atolls and Islands in the Great South Sea, xi. 753 †
- Mussamedes, South-West Africa, v. 458, 696, 706; Journey from, to the Cunéni, Earl of Mayo, v. 458 \*; report on, Parsons, x. 448
- Mossi country, W. Africa, xii. 167
- Motagua Valley, Guatemala, v. 188
- Mother and Daughters mts., New Britain, iii. 86, ix. 3
- Mott, A. J., Notes on Easter Island, x. 610 †
- Motu language and tribe, New Guinea, xi. 526, xiv. 792
- Motuiti or Kennedy Island, Pacific, xii. 402
- Mouang La. *See* Muang.
- Mouhot, M., journey in China, v. 457
- Mouille, M. A., Sur la Géologie, etc., de l'Afrique du Sud, vii. 618 †
- Mounsey, A. H., obituary of, iv. 340
- Mountain Folds, xiv. 694; Ranges, Origin of, Reade, ix. 652 †, Reyer, xiv. 630; Upthrasts, White, x. 609 †
- Mountaineering, Dent, xiv. 809 †
- Moura, J., Le Royaume du Cambodge, iv. 575 †
- Mouret, M., Cosmographical Pendulum, v. 562
- Mourier, Capt. A., explorations off Greenland, ii. 268, vi. 570
- Mou-si-mien pass, Tibet, xiii. 340
- Moutchété river and pass, iii. 347
- Mova river, Central Africa, xiv. 38
- Moxlv, J. H. S., a West Indian Sanatorium (Barbados), x. 178 †
- Moxon, J., a Tutor to Astronomy and Geography, vii. 491 †
- Moxos, country of the, Bolivia, v. 316
- Moyano, C., A traves de la Patagonia, viii. 411 †; explorations in Patagonia, ix. 384
- Mozambique—**
- Astronomical observations in, O'Neill, vii. 446
- Current off the coast of, vii. 376
- Geographical Society of, iv. 229
- Journeys in, O'Neill, iv. 46, 94, v. 482, vi. 632\*, 713 \*
- Map of, xii. 311
- Northern, Nakala and other Ports of, O'Neill, vii. 373 \*
- On the Coast Lands and some Rivers and Ports of, O'Neill, iv. 595 \*
- Plato's expedition from, O'Neill on, vi. 744
- Portuguese possessions in, vi. 627
- Snow-clad peaks in, O'Neill on, iv. 381
- Mozufferabad, India, v. 611, 616, 619
- Mozum, Bonue river, xiii. 454
- Mpala's village, new Belgian station at, vi. 88
- Mpanga river, Central Africa, xiv. 836
- Mpembu's, Lake Nyasa, i. 291, 320, viii. 83
- Mpeseni, chief and district, xii. 745
- M'Pombo (Alima), position of, ix. 189
- Mponda, chief and village, iv. 484, ix. 180, 181, xii. 722
- Mpozoz river, Central Africa, iii. 21, v. 571, 697
- Mpueta, Central Africa, xiii. 426
- Mpwapa, E. Africa, iv. 289, v. 539, 541, vii. 453
- Mrima plain, E. Africa, i. 756
- M. S., Indian explorer, note on the discrepancies between Russian surveyors and, vi. 507 *et seq.*
- Msalu river, E. Africa, iv. 84
- Msasa, E. Africa, i. 89, 549, 550
- Msidi or Msiri, chief and town, vii. 603, 606, xi. 74, 76, xiv. 42; Sharpe's journey to, xiii. 423 \*
- Msonghi mountain, East-Central Africa, v. 581
- Msoro, Central Africa, xii. 746
- Msuata station, West Africa, v. 577, 580, 703
- Mtesa, King, ambassadors of, to England, i. 136, 137, ii. 384, 385; his relations with English missionaries, iv. 94; letter to Sir John Kirk, vi. 89; death of, v. 428, 479, 719, vii. 338; his successor, vii. 670
- Mtowa, Central Africa, iii. 221
- Mtumbwi river, Rovuma district, v. 396
- M'Turk, Mr., visit to Mount Roraima, vi. 672
- Muang La. Shan States, xiii. 712; plain of, iii. 494
- Muang Ngan, Siam, x. 127
- Muarez river, Zambesi, iv. 374
- Muaru or Wembare river, ix. 45
- Muasi, chief and country, xii. 749
- Muata Mosefo Matiamvo, chief, ix. 755
- Muata Yanvo, v. 163, 381; Buchner's journey to the, iv. 680; institutions of the, vi. 590; Portuguese expedition to the, vi. 464; *id.*, Marques, xi. 574; To the Kingdom of the Pogge, ii. 140 †
- Mucassequeres tribe, W. Africa, i. 484
- Muchena, E. Africa, iv. 418, 419
- Muddy lake, Labrador, x. 194
- Mudhol, W. India, iv. 468
- Mudzi river, E. Africa, xii. 147
- Mueller, Baron von, Select Extra-Tropical Plants, viii. 604 †; on proposed Antarctic expedition, xii. 166; on flora of Owen Stanley range, xii. 616; letter from Sir Thomas Elder to, on Australian exploration, xiii. 343
- Mueller glacier, New Zealand, vi. 59
- Muene Putu Kasongo, viii. 635
- Mugodjar mts., Russian exploration of the, xii. 39, 296
- Muhamrah. *See* Mohammera

- Muir glacier, Alaska, xi. 424, xiii. 71;  
Wright's observations on, ix. 118, 283;  
Studies of, Reil, xiv. 573 †
- Mukaddasi, Description of Syria, transl.  
Le Strange, ix. 323 †
- Mukharji, J. F., Art Manufactures of  
India, xi. 631 †
- Mukondokwa valley, E. Africa, iv. 282
- Mula pass, explorations of the, i. 59, 62
- Mulach, Caucasus, vii. 599 *note*
- Mulai Buchtah mountain, Morocco, xiii.  
166
- Mulhall, M. G., Handbook of the River  
Plate, vii. 488 †
- Mullah, the explorations of, in the Hima-  
layas, ii. 427, 434
- Mullens, Rev. Dr. J., Missions in South  
India visited and described, ix. 61 †;  
on London Missionary Society's expe-  
dition, i. 72; journey in Central Africa,  
i. 328, 590, 707; map of Madagascar, i.  
350; work on the same. i. 66, 662; re-  
marks at evening meeting, i. 16, 322;  
obituary of, i. 673
- Mullens harbour, New Guinea, v. 507
- Müller, Baron von. *See* Mueller.
- Müller, Capt., voyage to Jan Mayen, iv.  
689
- Müller, C., Kleudion Ptolemaion Geogra-  
phikē Huphēgēsis, v. 499 †
- Müller, D. H., Al-Hamdānī's Geographie  
der Arabischen Halbinsel, vi. 685 †
- Müller, F., Unter Tungusen und Jakuten,  
iv. 576 †
- Müller, F. Max, the Sacred Books of the  
East, † viii. 474, ix. 260
- Müller, H. and C. Reimer, Karte von Angra  
Pequena und Süd-Afrika, vi. 487
- Muller, H. P. N., Een Bezock aan de Dela-  
goa-Baai, ix. 780 †; Herinneringen uit  
Afrika, x. 610 †; Zuid-Afrika, xiii.  
694 †
- Müller, W., Die Umseglung Afrikas, xii.  
437 †
- Müller-Beeck, F. G., Eine Reise durch  
Portugal, vi. 98 †
- Müller-Simonis, P., Du Caucase au Golfe  
Persique, etc., xiv. 724 †
- Mullik tribe, ix. 28
- Müllner, J., Die Bevölkerungs-Dichte  
Tirols, xii. 568 †
- Mulvany, Dr., on avalanche of peat in the  
Falkland Islands, i. 803
- Muminabad valley, viii. 40
- Mummery, A. F., visit to the Caucasus, x.  
589; ascent of Koshtantau, xi. 351 \*
- Mumoni mts. and river, xii. 132, 700
- Munboya mts., E. Africa, ii. 210
- München. *See* Munich.
- Munchique, Cerro, views from, v. 263
- Mundombes and Munhanecas tribes, S. W.  
Africa, v. 460, 463
- Munfia' valley, ix. 679
- Mungala river. *See* Mongala.
- Mungo Park and the Niger, Thomson, xii.  
572 †
- Mungo river, W. Africa, i. 232, iv. 585
- Munich, Geographical Society of, pro-  
ceedings of, v. 239, 240, vi. 481, ix.  
56; plan of, Straube, ix. 655
- Munk, Jens, Navigatio Septentrionalis, v.  
680 †
- Munkamba lake, Central Africa, v. 164
- Munken island, Farøe Islands, subsidence  
of, vii. 611
- Münster, Count, receives medal for Dr.  
Nachtigal, iv. 432
- Muong tribe, Tonking, iv. 609
- Muraji town, W. Africa, iii. 30
- Muraviev's Journey to Khiva, 1819-20,  
viii. 411 †
- Murby, T., Map of Burmah, in native  
character, iv. 450; schoolroom chart  
of geographical illustrations, iv. 456
- Murchison glacier and valley, New Zea-  
land, vi. 59, 64
- Murchison, Sir Roderick, on the black  
earth of Southern Russia, xiv. 99; on  
the name of Mont Everest, viii. 177
- Mur-lar mts., ii. 538
- Murdiari, country of, v. 561
- Murdoch, Lieutenant, on the Landfall of  
Columbus, xiv. 595
- Muret, Ch., relief of the Canal of Panama  
(map), iii. 254; vue panoramique du  
Canal de Panama, iii. 768
- Murg, tourist map of, Wälde, ix. 787
- Murghab river, iii. 529, v. 4, vii. 282, 564,  
565, viii. 720; fort on the, iv. 348, 349;  
source of the, xiv. 13, 52
- Murie, Dr., remarks on Lupton and the  
Bahr-el-Ghazal, vi. 254; on Junker's  
explorations in Central Africa, ix. 419
- Murimotu plains, New Zealand, vii. 210,  
219
- Muritupucu river, viii. 516
- Murman sea, Russian Lapland, ii. 593  
*note*, 598
- Murphy, J., Rambles in N. W. America, i.  
406 †
- Murray, Dr. J., Reports on the Scientific  
Results of the *Challenger* expedition, ix.  
324, 720, x. 543, 544 †; on oceanography  
at the British Association, vii. 671; on  
the origin and character of the Sahara,  
xii. 464
- Murray, John, handbooks for travellers,  
*see below*; obituary of, xiv. 834
- Murray, K. B., Commercial Geography, in  
its relation to New Markets, etc. for  
British Trade, ix. 652 †
- Murray, R. A. F., Geology of Victoria, ix.  
630 †
- Murray, Rev. T. B., Pitcairn Island, vii.  
832 †
- Murray-Aynsley, Mrs. J. C., Our Tour in  
Southern India, v. 368 †
- Murray's Handbooks for travellers †—  
Bombay presidency, iii. 247; Denmark,  
v. 564; Derbyshire, Nottinghamshire,  
Leicestershire, and Staffordshire, xiv.  
866; Devonshire, ix. 648; Egypt, x.  
877, xiv. 62; England and Wales, xii.  
243; English lakes, xii. 180; Essex,

## Murray's Handbooks—continued—

- Suffolk, Norfolk, and Cambridgeshire, xiv. 501; Germany, South, and Austria, viii. 212, xii. 568; Gloucestershire, Worcestershire, etc., viii. 212; Holland and Belgium, xi. 252; India and Ceylon, xiv. 60; Italy, Central, xii. 180, Northern, xiv. 59, Southern, and Sicily, viii. 212, xii. 568; Japan, xiii. 738; Kent, xiv. 866; Lincolnshire, xii. 568; Mediterranean, xii. 244; Norway, xiv. 568; Portugal, ix. 648; Riviera, xii. 181; Rome and Environs, viii. 212, x. 47; Spain, xiv. 501; Surrey, Hampshire, and Isle of Wight, x. 539; Sussex, viii. 212; Sweden, viii. 212; Switzerland and Alps of Savoy, i. 537, ix. 130, xiv. 59; Syria and Palestine, xiv. 197; Wales, North, viii. 212, South, xii. 180
- Mursonde tribe, South Somali country, v. 717
- Murura, island of, vii. 183
- Mur-ussu or Maurus river, Tibet, vii. 70, ix. 225
- Murut tribe, North Borneo, x. 12, 13, 15
- Musart pass, Thian Shan range, ix. 425
- Musgrave, Mount, Owen Stanley range, height of, xi. 606; height and natives of, xii. 201 *et seq.*, 562
- Musgrave ranges, Australia, xiv. 181; Jones on the, iv. 549
- Musha island, purchase of, vii. 105
- Mushirongo tribe, West Africa, v. 694, 706
- Mushketof, J. V., geological explorations in the Alai and Pamir, i. 125; journey in Central Asia, i. 356; on the minerals of Kuldja, ii. 498; ascent of the Zaratshan glacier, ii. 765, iii. 113; Turkestan, viii. 352†; Carte Géologique du Turkestan Russe, viii. 541; Earthquakes, their character, etc., xiii. 188†
- Mushur pass, height of, vii. 598
- Musi river, Sumatra, i. 773
- Musschenbroek, S. Van, Kaart met Toelichting van de Bocht van Tomini of Gorontalo†, i. 810, 816
- Mussuca, Congo, station at, iii. 362
- Mustag-ata mountains, Bogdanovitch's explorations of, xii. 38
- Mustagh glacier, Central Asia, x. 508, 509; pass, x. 506, 508, 509, 516; range, v. 611, xiv. 212, 214
- Musters, Commander G. C., obituary of, i. 397
- Musur tribe, Shan states, xiii. 705
- Mutandi tribe, xii. 348, 349
- Mutangwa river, E. Africa, xii. 147
- Mutiki river, Africa, v. 268
- Mutton-bird Island, Bishop of Tasmania, xiv. 808†
- Mutum village, Brazil, x. 75
- Muyseas of Colombia, v. 266
- Muzart pass, Central Asia, ii. 494; valley, xii. 86
- Muz river, Central Asia, xii. 422
- Mvulzi river, viii. 78
- Mwambezi river, Central Africa, xiv. 40
- Mwanga, King, of Uganda, vii. 670, xiii. 205
- Mweali, W. Africa, i. 229
- Mwembe, E. Africa, iv. 480, vi. 519-523
- Mwemba's valley, Stewart's station in, v. 290
- Mwendapezi tribe, viii. 78
- Mwenewungu's village, Central Africa, xiii. 95
- Mwerango river, Central Africa, xiv. 239
- Mwera tribe, E. Africa, ii. 339
- Mwero lake, vii. 335, 603, xiii. 426, 427, xiv. 38, 39, 40, 45
- Mwini, i-Wuñgu, chief, xii. 732
- Mworongo, Usambara, i. 85
- Myawaddy, Burma, viii. 5
- Myit-gney river, tributary of Irawadi, iv. 562, vii. 301, xiii. 401
- Mykenai, Karten von, Hauptmann, vi. 303
- Myshenkov, M., expedition in Eastern Bokhara, ix. 433
- Mysore, plateau, vii. 123, viii. 682; survey of, iv. 341
- Myvrius Archæology, De Costa, xiii. 242†
- Mzabite tribe, Algeria, iv. 360

## N

- Nalaret lake district, Kebbi river, xiii. 473
- Nabert, Prof. Dr. H., Karte der Verbreitung der Deutschen in Europa, xiii. 444
- Nacher, J., Land und Leute in Bahía, iv. 444†
- Nachtigal, Dr. G., Sahara and Sudan†, i. 610, iv. 121, xi. 571; Founder's medal awarded to, iv. 431; mission to Western Africa, vi. 283; obituary of, vii. 466; Erinnerungen an, by Dorothea Berlin, ix. 651†
- Nada or Laughlan islands, MacGregor's visit to, xiii. 177
- Nadali fort, Afghanistan, vii. 163
- Nadarof, Lieut.-Colonel L., survey of the Northern Ussuri country, x. 181, 182; the Southern Ussurian District, xiii. 52†
- Nadsur and Karsambla, Caves at, Account of, Cousens, xiv. 838†
- Naga hills, v. 617, 620, 624, ix. 40; tribe, ix. 24, xi. 90, 91
- Nagar, Kashmir, xiv. 768
- Nagar Malnád, Western Ghâts, vii. 725
- Nagchu (Yalung) river, Tibet, vii. 74
- Nagenau, Persia, xii. 593
- Naghun Chain, S. W. Persia, xii. 537, 551
- Nagpore, railway from, to Calcutta, viii. 692
- Naiband village and hill, viii. 143, 144
- Naichi pass and valley, ix. 742, 743, 746

- Nain Singh, Pundit, Indian survey explorer, vii. 65, 79, 312; his journey in Great Tibet, v. 384, 664, 665; obituary of, iv. 315
- Naivasha lake, East Africa, v. 604, 719, vi. 44, 80, 399, 703, xiii. 195
- Nakal Teir, Egypt, ix. 668
- Nakala harbour, Mozambique, vii. 120, 431, 450; O'Neill, on, vii. 373 \*
- Nak-chu-ka river, Tibet, v. 664, 665
- Nak-chu village. See Napchu.
- Nakra-Neskra pass, Caucasus, xi. 672
- Nalivkine, V. P., Histoire du Khanat de Khokand, xi. 631 †
- Naltshik, Caucasus, xii. 258
- Namaland, Schenck's explorations in, xi. 183, 184
- Namaramba, Lake, Journey to, Hetherwick, x. 25 \*. See Amaramba.
- Namau district, New Guinea, ix. 76-80
- Nam-dinh, town of, viii. 223
- Namelong pass, Turkistan, xiv. 781
- Names and Places, Whitney, x. 18 †
- Namfukadza's town, S. Africa, xii. 347
- Namieb plain, S. W. Africa, ix. 511
- Nam Kiu or Ma-lika river, vii. 310, xii. 555
- Namohan pass, Tibet, vii. 72
- Namsangyang, Upper Burma, xiv. 168
- Namtitari range, Makua country, iv. 194
- Namuli hills, E. Africa, iv. 204, 211, v. 719, vi. 153, 638, 641, 642, 727, 729, vii. 159, 437, 664, 666, ix. 472; Last's Explorations of, ix. 42, 188, 467 \*, xii. 224
- Namur, plan of, Kips, xii. 308
- Namürola, longitude of, E. Africa, vi. 636
- Nam-Yang, harbour, v. 274, 275
- Naney, plan of, Roussel, i. 746
- Nanda Devi, Himalayas, v. 604; Graham's ascent of, vi. 435, 436
- Nangadi lake, Africa, v. 396
- Nanga Parbat, mount, v. 615, 623, xiii. 408
- Nangnagar district, i. 43
- Nang-ning town, Southern China, xiii. 254, 255
- Nannortalik, Greenland, vi. 588, 539, vii. 386
- Nanomea or St. Augustine island, xii. 402
- Nansen, Dr. F., expedition across Greenland, x. 240, 417, 591, 791, xi. 374, 412, 435, 469 \*; on his proposed expedition to North Pole, xii. 177; Plan til en ny polarekspedition, xii. 306 †; proposed Arctic expedition, xii. 467, 566; scientific results of journey across Greenland, xiii. 43; the First Crossing of Greenland xiii. 55 †; award of Patron's medal to, xiii. 294
- Nan-sha or South Cape, Formosa, vii. 14
- Nau-shan or Kuen Lun range and district, vii. 168, ix. 218, 219, xii. 71, 74
- Nautes, commercial geographical society of, viii. 472; geographical exhibition at, viii. 270
- Nanusa islands, Dutch East Indies, Von Hogendorp's exploration of the, x. 453
- Naozo Nyuma river, New Guinea, xii. 560
- Napchu village, Tibet, ix. 227
- Napier, Capt., on the road to Merv, i. 181, 182; surveys of the sea-board of China, i. 370; positions of places in Hainan and the Gulf of Tongking, i. 456
- Napier of Magdala, Lord, on the exhibition of geographical appliances, viii. 54; obituary of, Grant, xii. 170
- Napier range, North-West Australia, v. 722
- Naples, topography, etc., of, Beloch, i. 282 †
- Narat mountains and pass, Kuldja, ii. 492, xii. 98
- Naratu fort, Afghanistan, vii. 608
- Narborough island, xiv. 314
- Narcondam island, survey of, x. 32
- Nares, Capt. Sir G., survey work of, i. 369; Arctic voyage of, iii. 678; report on the project for the relief of Greely, vi. 221; remarks at evening meetings, ii. 38, iii. 146, iv. 53, v. 224, viii. 172
- Narghiz, Lake, Southern Persia, v. 129, 142
- Nari gorge, ii. 533, 534
- Narvaez, Panphilo de, explorations in N. America, xii. 292
- Nascopee, Fort, Labrador, x. 192
- Nash lake, Australia, Lindsay's journey to, xi. 652 et seq.
- Nassarawa district, Emir of, xiii. 455
- Nassau, H.M.S., survey work of, i. 370
- Nassiri Khosrau, Voyage en Syrie, Palestine, etc., Schefer, iv. 120 †
- Nata river, Central Africa, ii. 180, vi. 27, 154
- Natal—  
Area and population of, iii. 3, vi. 626  
Boundary between Zululand and, i. 324  
Bush Life in, Feilden, ix. 206 †  
Official Handbook of, vii. 538 †  
Our Colony of, Peace, v. 745 †  
Précis of information concerning, i. 812  
Sketch map of, i. 816
- Natiaka village, East Africa, v. 398
- Natinian Sikasso mount, W. Africa, xii. 168
- National Biography, Dictionary of, edit. Stephen and Lee †, xii. 184, 642, xiv. 730
- National Surveys, Report of Venice Congress, viii. 803
- Native names of places, system of Orthography for, vii. 535 \*, xiv. 47, 116 \*
- Native surveyors, utility of, xiii. 605
- Natowdja river, North America, v. 646
- Nature, the Realm of, Mill, xiv. 506 †
- Naukratis, Nile Delta, rise of land at, xi. 647
- Naumann, Dr. E., Bau und Entstehung der Japanischen Inseln, viii. 128 †; the Physical Geography of Japan, etc., ix. 86 \*; Die Erscheinungen des Erd-Magnetismus in ihrer Abhängigkeit vom Bau der Erdrinde, ix. 652 †; Zur Geologie und Paläontologie von Japan, xii. 637 †; Die Japanische Inselwelt, ix. 587 †

- Nauri, Mount, W. Africa, xii. 168  
 Nauriz-abad, Persian fort of, v. 5  
 Naval officers, prize medals to, etc., Ryder on, iii. 106  
 Navez, Louis, De l'influence des Formations Géologiques en Belgique, ix. 711 +  
 Navigatio Septentrionalis, Jens Munk, v. 680 +  
 Navigation and Nautical Astronomy, Epitome of, Norie, xi. 397 +; Liverpool school of, xiv. 407, 408; teaching of, Markham on, iv. 296 \*, Aberdare on, iv. 330; report of committee on, iv. 313  
 Nazarov, M. See Polianovsky.  
 Nbadua, E. Africa, iv. 205  
 Nbaduk mountain, East Africa, iv. 547  
 Ndara mount, journey to, Gissing, vi. 551; Thomson's march from, to Turo, v. 550  
 Ndima hills, E. Africa, vii. 654, 655  
 Ndogo lagoon, West Africa, x. 37  
 N'doroma, chief and settlement, iii. 303, 305, ix. 288, 289, 401, 402, 404  
 Neate, Charles, on the exploration of the Rio Dôce, x. 84  
 Nebout, A., La Mission Crampel, xiv. 727 +  
 Nebout, M. C., on the Crampel expedition, xiv. 241  
 Nebraska, population of, xiii. 113; Rand, McNally and Co's map of, xii. 56  
 Necbi river, Colombia, v. 253  
 Neckar river, old windings of the, Sauer, xiv. 867 +  
 Needham, J. F., expedition to the Upper Brahmaputra, viii. 99, 265; Excursion in the Abor Hills, viii. 313 \*; corroboration of Wilcox and the Pandit on the Lohit river, ix. 360, 367; Gill memorial awarded to, ix. 311, 454; exploration between Assam and Upper Burma, x. 95, 377; the Dihong river, xi. 440; journey into the Hukong valley, xiv. 405  
 Nefud, sand desert of Arabia, ii. 94  
 Negro, Rio, Amazon basin, Wallace's travels on, xii. 248 +  
 Negro, Rio, Bolivia, v. 328  
 Negro, Rio, Patagonia, ascent of, O'Connor's, iii. 594; Campaign of the, documents relating to, Olasoga, iv. 445 +; Scientific results of, Doering, iv. 445 +, vi. 102 +; General Studies of the Limay and Albarracin, viii. 406 +; Topography of the Pampa of, Olasoga, iii. 505 +  
 Negro, Rio, Uruguay, ii. 679  
 Negua river, Colombia, gold in the, v. 251  
 Neilsen-Lund, Rev. J., journeys in Madagascar, xiv. 734  
 Neis, Dr., explorations in Indo-China, iii. 242, 368, 438, v. 429, vi. 159, 350, vii. 52, 549; award of Paris Society's medal to, vii. 251, 547; journey in China, ix. 127  
 Nejd, journeys to, Blunt, ii. 81; Doughty, vi. 382 \*; Pilgrimage to, Lady Anne Blunt, iii. 188 +  
 Nell, Dr. A. M., Karte von Asien, vii. 623  
 Nell, L., topographical and township map of Colorado, ii. 464, 718; White river Indian reservation, Colorado (map), ii. 464  
 Nelson, E. W., scientific researches in Alaska, iv. 91; Journey in the Delta of the Yukon, iv. 660 \*  
 Nelson, W., Five Years at Panama, xiii. 240 +  
 Nelson river, Hudson's bay, iii. 579; depth of frozen soil in the bed of, ix. 769  
 Nemrad Dagh, tomb of Antiochus I. on, x. 103  
 Neo Paphos, Cyprus, 105  
 Nepal, Himalayas of, v. 616; surveys in, xiii. 413; *id.*, of M. H., x. 89 \*; East, profiles of the ranges of, xiii. 108  
 Nepoko river, v. 35, ix. 291  
 Neptune expedition for relief of Greely, iv. 690; voyage to Hudson's bay, x. 558  
 Nerbudda river, viii. 683, 684  
 Neris, Lake, Persia, v. 129; journey round, Wells, v. 138; town of, v. 141  
 Nery, F. J. de Santa-Anna, La Place de Para, xiii. 244 +  
 Nessi, E., Carta Stradale ed Alpina Dell' Alta Lombardia, x. 400 +  
 Netherlands, atlas of the possessions of, vii. 271, viii. 415; geographical periodical, i. 797; Society, proceedings of, i. 146, 609, ii. 198; maps of—Dornseiffen, xi. 520; De Geest, x. 673; Nomina Geographica Neerlandica, Dornseiffen and others, vii. 553 +  
 Netravati river, S. India, vii. 731  
 Neufville, Capt., on the River Sri Lohit, vii. 322  
 Neumann, Dr. C., and Dr. J. Partsch, Physikalische Geographie von Griechenland, vii. 257 +  
 Neumann, Dr. L., Orometrie des Schwarzwaldes, ix. 129 +  
 Neumann, Gustav, Geographical Lexicon of the German Kingdom, v. 498 +  
 Neumann, Prof., on the Pass of Hannibal, viii. 642  
 Neumayer, Dr. G., on scientific research in the Polar regions, I. 739; Anleitung zu Wissenschaftlichen Beobachtungen auf Reisen, x. 607 +; remarks on scientific research in the Polar regions, I. 739  
 Neuquen river, iii. 593; Hot's plan of military operations near the, ii. 389  
 Neusiedler lake, projected drainage of the, xiv. 408  
 Neuville, D., and Ch. Bréard, Les Voyages de Savorgnan de Brazza, vi. 301 +  
 Neuwiel, Prince von, explorations of Rio Dôce, x. 66  
 Nevado de Toluca peak, height of, xii. 754  
 New Fragments, Tyndall, xiv. 345 +  
 New, Mr., journey in Usambara, i. 82; exploration of the Tana, xiv. 531  
 New river, Colorado desert, xiv. 310

**New Britain (and neighbouring islands)—**

- And its volcanoes, v. 505, 511  
 Explorations in, Finsch, iii. 180, 572;  
 Von Schleinitz, x. 303  
 Islands and natives of, viii. 551, 552,  
 xii. 696  
 Six years' explorations in, Powell, ii.  
 645; Observations on, *id.*, iii. 84\*  
 The Islands of, Romilly, ix. 1\*  
 Wanderings in a Wild Country, Powell,  
 v. 433†

**New Brunswick—**

- As a Home for the Farmer Emigrant,  
 viii. 538†  
 Geological map of, iii. 701  
 Map of, Loggie, viii. 64  
 Northern, Ellis's report on, iv. 517†  
 Southern, surface geology of (map), xiv.  
 816

**New Caledonia—**

- Collections from, Leques, v. 236  
 French Colony in, Lemire, i. 223†  
 Garnier's explorations in, i. 74  
 Map of, Lemire, i. 157  
 Souvenirs of, Rivière, ii. 462†

**New Colorado and the Santa Fé Trail,**

- Hayes, iii. 62†  
 New England, rivers of, Shaler, ix. 247;  
 States, Raud, McNally & Co.'s map of,  
 xii. 56

**New Georgia island, Solomon Islands, xii.**

- 394; cannibalism and head-hunting at,  
 x. 374, 375

**New Granada. See Colombia.****New Guinea—**

- A Few Months in, Stone, i. 743†  
 Among the Cannibals of, McFarlane,  
 x. 478†  
 Annexation of part of, vi. 665  
 Area of, v. 515, vi. 196  
 Augusta river and Huon gulf, Bonaparte, xi. 319†  
 British (*see also* South-Eastern), Burns,  
 Philp & Co., ix. 322†; as a Colony,  
 Forbes, xiv. 662†; map of, xiv. 581;  
 Protectorate of, Account of Establishment  
 of, Lyne, viii. 180†; Reports  
 on, viii. 596, xii. 250†  
 Climate of, ix. 85, xii. 694, 695  
 Condition of natives, trade, and nomen-  
 clature of, xii. 696, 697  
 Coral reefs, upraised, off, MacGregor on,  
 xiv. 415  
 Correspondence concerning, ix. 136†,  
 xii. 250  
 Discoveries, first, of, vi. 196  
 Dutch, and the Papuans, Haga, xiv.  
 575†; journeys in, Ellis, xi. 38; Van  
 der Aa (1871-76), i. 813†  
 Dutch settlements in, v. 516  
 Explorations in, iii. 395, ix. 245; Bed-  
 ford, xiii. 229, 430; Bevan, ix. 576,  
 595\*, x. 606, xi. 82\*; Chalmers, i.  
 67, ii. 815, iii. 226, vi. 156, 216, 372;  
 colonial, v. 656; Couppe, x. 248;  
 Cutlibertson, ix. 508, 758; D'Albertis,  
 i. 4\*; Dutch, ii. 190; Bonaparte on,

**New Guinea—continued—**

- vii. 408†; Everill (Australian Geo-  
 graphical Society), vii. 383, 669, viii.  
 101, 433, 732, (report), viii. 673;  
 Finsch, vi. 38, vii. 670; Forbes, vii.  
 388, 669, 674, viii. 48, 268, 332, 524,  
 645; Italian, Giglioli on, i. 732;  
 Lawes, v. 355; MacGregor, xi. 504,  
 xii. 352, xiv. 414, 863; Melver (pro-  
 posed), vi. 537, 578; Melbourne *Age*  
 and *Argus*, vi. 37, 87, 217, 372, 537;  
 Miklukho-Maclay, iv. 768, 769; Braum  
 Morris, vii. 253; Morrison, vi. 87;  
 Pfeil, x. 591; Powell, vi. 36, 219,  
 372; Raffray, i. 276; Strahan, viii.  
 333; summaries of, ix. 344, x. 415,  
 416, xi. 412, xii. 381, xiii. 395  
 Fly river, navigation of, MacGregor,  
 xii. 352  
 From my Verandah in, Romilly, xi. 516†  
 Geographical progress in, viii. 433  
 Geography, physical, of, Trotter on, v.  
 670  
 Geological structure of, vi. 208  
 German, xii. 694; explorations in, Hell-  
 wig, xi. 607; Hollrung, viii. 101, 269,  
 719, x. 34, 600; Von Schleinitz, x. 33,  
 34, xi. 607, (Augusta river), ix. 120,  
 (coast), ix. 309; Schrader, viii. 101, 269,  
 719, ix. 120, x. 33, 34, 241; Zöllner, xi.  
 177; meteorology of, Supan on, xiii.  
 176; new names in, vii. 244; visit to,  
 Dickson, viii. 332; Work on, Zöllner,  
 xiii. 637†  
 Kemp-Welsh river in, description of,  
 Beswick, ii. 511  
 London Missionary Society's station in,  
 v. 507  
 Mai Kassa or Baxter river, Hall's ex-  
 ploration of, x. 708  
 Map of, vii. 414; Johnston's, *ib.*  
 Moonsoon periods in, xi. 83  
 Natives of, vi. 209, viii. 562; manners  
 and customs of, ix. 81, 82, 85, 86  
 North-Eastern Coasts of, Visits to,  
 Powell, v. 505\*  
 Notes on, and its Inhabitants, Lawes, ii.  
 602\*  
 Notes on recent explorations in, Trotter,  
 xii. 687\*, xiv. 788\*  
 Owen Stanley range in, ascent of, Hart-  
 mann and Hunter, ix. 621, 767; Mac-  
 Gregor, xii. 193, (scientific results),  
 616; expedition to, Victorian Govern-  
 ment's, ix. 305  
 Partition of, British and German, vii.  
 461  
 Pioneering in, Chalmers, ix. 394  
 Races of, diversity of, ii. 606, 607  
 Rivers, Discovery of two new, Bevan,  
 ix. 576, 595\*  
 Scenery of, viii. 562  
 South-Eastern, Explorations in, Chal-  
 mers, ix. 71\*; Lawes, iv. 160, vi. 216;  
 MacGregor, xi. 504  
 Stations at Hatzfeldt and Constantine  
 harbours, viii. 719



**New Guinea—continued—**

- St. Joseph's river in, discovery of, x. 33, 248  
 Summary of Present Knowledge of, Trotter, vi. 196 \*  
 Two Years Among the Savages of, Pitcairn, xiii. 637 †  
 Vegetation of, Warburg on, xiv. 244  
 Visit to, Bridge, viii. 545 \*  
 Voyages to, Recent, Bonaparte, vii. 482 †  
 Work and Adventure in, Chalmers and Gill, vii. 408 †  
 Work on, D'Alberty, ii. 783 †  
 New Hanover island, ix. 6-8; Brown's visit to, iii. 220  
 New Hebrides islands and natives, iv. 249, viii. 546-549; photographs of, Lindt, xiii. 448; Work on, Imhaus, xii. 438 †  
 New Ireland, iii. 86, ix. 6-8; colonization of, ii. 370; journey along the coasts of, Brown, iii. 213; physical features and people of, xii. 228  
 New Jersey, Geographical Development of Northern, Dav's and Wood, xii. 708 †  
 New Nicolaiefsk, Hot Springs near, Lühdorf, iv. 574 †  
 New Pomerania, map of shores of, Von Hagenow, x. 673  
 New Scotland, the Royal Province of, Duncan, i. 284 †  
 New Siberian islands, expedition to, Bunge and Von Toll, vii. 669, viii. 393, ix. 51, 117, 577, x. 248, 249, 414; map of, x. 186  
**New South Wales—**  
 Blue mountains of, tourists' map of, Du Four, i. 480  
 Catalogue of Exhibits in Colonial Exhibition, viii. 539 †  
 Directory, Official Post-office, etc., i. 223 †  
 Maps of—Government, v. 310; Rowley, x. 186; Stanford, ix. 65  
 Meteorological Observations in, Results of Russell †, ix. 718, xi. 320, xii. 251  
 Mines, Report of Department of, 1886, x. 479 †  
 Pearl-shell trade of, v. 506  
 Progress and Resources of, viii. 538 †  
 Railway Guide for, xi. 60 †  
 Rainfall, distribution of, Russell on, i. 520; map of, *id.*, vi. 176  
 Statistical Register of, 1887, xi. 60 †  
 Survey, Geographical, of, x. 110  
 Wealth and Progress of, Coghlan, x. 398 †  
 New World, Geography of, Pérez, xi. 189 †  
 Travelling Naturalists in the, xiv. 873 †  
 New York, Geographical exhibition at, xii. 755; pocket map, etc., of, Rand, McNally & Co., xii. 573; Report of Commission on the Boundary between Pennsylvania and, ix. 781 †; state survey, work of the, i. 596  
**New Zealand—**  
 Alps of—Explorations in, Green, iv. 379, vi. 57 \*; Lendenfeld, xi. 251; map of, Lendenfeld, vi. 614; The High, Green, vi. 104 †; with Axe and Rope in, Mannering, xiii. 741 †

**New Zealand—continued—**

- Aureoretanga, Groans of the Maori's, xi. 60 †  
 Earthquakes in, Hogben on, xiv. 563  
 Fact and Fancy in, Cowan, viii. 478 †  
 For the Emigrant, Invalid, and Tourist, Moore, xiii. 186 \*  
 Geology of, vi. 64, 66; of Canterbury and Westland, von Haast, ii. 72 †; Geological exhibits at the Colonial Exhibition, Catalogue and Guide to, viii. 539 †; Reports of Explorations †, x. 479, xiv. 720  
 Guide to, Brett's Handy, xiii. 241  
 Handbook of, Hector †, vi. 105, viii. 539  
 History of, Gisborne, xi. 190 †; *id.*, early, Sherron and Wallace, xiv. 575 †  
 Hot springs of, and of Iceland, Peck, v. 667  
 Industrial exhibition, 1885, official record, ix. 523  
 Institute of, Transactions of, ix. 719 †, xi. 515  
 King Country of, Explorations in, Kerry-Nicholls, vi. 484 †, vii. 201 \*  
 Lone Lands of, Carrick, xiv. 574 †  
 Macquarie Harbour, Track to, Frodsham, i. 223 †  
 Maps of—xiv. 431; Hector, v. 570; S.P.C.K., ii. 336, 719  
 Mining Industry of, Reports on, x. 479 †  
 Population of, ix. 758  
 Recollections of Travel in, Crawford, ii. 462 †  
 Resources and Prospects of, Bathgate, ii. 462 †  
 Road from Marlborough to Pieman River, Counsel, i. 223 †  
 Round about, Payton, xi. 60 †  
 Southend estates, etc., plan of, Connell and Mudie, i. 614  
 Statistics of, Reports on †, v. 479, xiii. 242  
 Survey Department, Report of, McKerrrow, vii. 127 †  
 Volcanic eruption in, results of, viii. 782  
 Volcano, submarine, off O. Colville, Hayward on, iii. 672  
 Waitomo caves in, Humphries on, xi. 736  
 Newall, Major-General D. J. F., the Highlands of India, iv. 576, ix. 713  
 Newastrand nach Samarkand, Proskowetz, xii. 52 †  
 Newcastle-on-Tyne, fraternity of the Blessed Trinity at, nautical school of, iv. 300  
**Newfoundland—**  
 Agricultural capabilities of, Harvey on, x. 457  
 Climate of, x. 204  
 Explorations in Labrador and, Lucas, xiv. 572 †  
 Geography of, Pilot, xiv. 63 †  
 Resources of, Dashwood on, x. 652  
 Sport, etc., in, Kennedy, vii. 557 †  
 Strait between Cape Breton Island, name for, viii. 101

**Newfoundland—continued—**

- Surveys off coasts of, ii. 420, iv. 553, v. 504  
 The oldest British Colony, etc., Hatton and Harvey, v. 241 †  
 Newland, S., the Far North Country, x. 543 †  
 Newman, Mr., on the state of wheat-culture in Chile, x. 796  
 Neyrat, A. S., L'Athos, ii. 521 †  
 Neza-tash, xiv. 13  
 Ngala river, viii. 630, ix. 298; Baert's exploration of, xi. 344; Werner on, xi. 342\*  
 Ngambo village and river, E. Africa, i. 550, iv. 195, v. 482  
 Ngami, Lake, ii. 172, 173, vi. 27, 28, 29, viii. 445, 649, ix. 244; journals in the region of, Buckle, xiii. 632; Von François, xiv. 339  
 N Ganehu, position of, ix. 189  
 Nganda, latitude of, vi. 743  
 Nga-Nkabe, queen of the Ba-buma, vii. 356  
 Ngan-shun Fu, China, i. 498  
 Ngan-si-fu, Central Asia, xii. 75  
 Ngao, W. Africa, xiv. 515  
 Ngare na Erobi, East Africa, v. 478, 547, 548, 549  
 Ngare na Nyuki Plain, East Africa, v. 548  
 Nghe-anh province, viii. 219  
 Ngiri plain and river, E. Africa, vi. 698, 699, xi. 330, 343  
 Ngoko river, West Africa, xiii. 38  
 Ngoma, Falls of, West Africa, v. 573, 699  
 Ngoma Peak, Lake Nyasa, i. 306  
 Ngomani, xii. 134  
 Ngomano, ix. 468  
 Ngombe, vii. 362, 363, xi. 328  
 Ngomere river, Central Africa, xii. 176, 313  
 Ngoroini, E. Africa, routes to, iv. 736  
 Ngosu people. *See* Lolo.  
 Ngové language, West Africa, x. 37  
 Ngúni district, E. Africa, iv. 749  
 Nguru country and hills, v. 541, 542, vii. 453; journey into, last, iv. 148\*  
 Nguruman country, E. Africa, vi. 79, 80  
 Ngussa, Algeria, iv. 362  
 Ngwangwa river, Central Africa, xii. 154  
 Nhataomere village, Central Africa, xiii. 269  
 Ni Oasis, xii. 813  
 Niadi. *See* Kwiu.  
 Niagara Falls, special map of, and environs, Deichmann, viii. 64  
 Niamkolo station, Lake Tanganyika, xii. 738  
 Niam Niam country, Junker's journey in, iii. 301; tribes and river, ix. 295, 296, 406, xi. 679  
 Nias, Island of, voyage to, Modigliani, xii. 245 †  
 Nicaragua route of the inter-oceanic canal, ii. 138

- Nicaragua, Canal of, ii. 138; chart of the world, showing distances saved by, x. 747; maps of, ix. 464, xi. 522; photographs of, Gledhill, xiii. 699; the case of, under the treaty of Guatemala, 1886, vi. 317 †  
 Nicholl, Mr., on the aboriginal tribes of Western China, ii. 702  
 Nicholls, Dr. A. Alford, on Dominica and its Boiling Lake, i. 521  
 Nichols, R. C., obituary of, xiv. 477  
 Nicholson, J., Establishment of the Fatemite Dynasty in Africa, xii. 366 †  
 Nicobar islands, government surveys of, viii. 719, x. 421; Short Visit to, edit. Svoboda, x. 738 †  
 Nicobarese Language, Dictionary of the Nancoury Dialect of, De Roepstorff, vi. 355 †  
 Nicolisky. *See* Nikolaky.  
 Nicosia, Cyprus, i. 99, xi. 715  
 Nidshe village, Caucasus, xiii. 327  
 Niederlein, Herr G., description of the Victoria Falls of the Curitiba, vi. 744  
 Nielsen, Dr. Yngvar, Round Norway from Tistedalen to Jokolselven, v. 241 †  
 Niemann, G., and O. Beundorf, Reisen in Lykien und Karien, etc., vii. 195 †  
 Nietmann, W., Verkehrs- und Eisenbahn-Atlas der Oesterreichisch-Ungarischen Monarchie, ix. 526  
 Niger, voyage of the French gunboat, to Timbuktu, x. 164  
 Niger River and Basin—  
   Central, explorations in: Binger, xi. 176, xii. 166; Krause, ix. 510; Montell, xii. 560  
   Delta of, Johnston on, x. 749\*  
   Explorations in—v. 551, xiii. 394; Church Missionary Society, ii. 124; Flegel, iii. 371, iv. 106, vi. 662; map of his routes, vi. 61; Montell, xiii. 560, xiv. 859; Wolff, xiii. 45  
   Fixed points on the, Montell, xiv. 240  
   From the Atlantic to the, Vic. de Sanderval, iv. 182 †  
   From the, to the Gulf of Guinea, Binger, xiv. 260 †  
   Journey from, to the Congo, Mizon, xiv. 553  
   Journeys up—Mattei, v. 43; Milum, iii. 26\*  
   Map of, Faidherbe, etc., vi. 361  
   Narrative of Macdonald's mission to, Ferryman, xiv. 807 †  
   Protectorate of the, vii. 457  
   Records of the Riebeck expedition to, Krause, vi. 425, 685 †  
   Regions of the Benue and — Flegel's letters on, xii. 437 †; photographs of, Ferryman, xii. 372  
   Routes to the, from Lagos and Yoruba, x. 629, 630  
   Sketches of the, and Central Soudan, Thomson, viii. 734

**Niger River and Basin—continued—**

- Sources of the—Duveyrier on, iii. 52, 53; journey to, Zweifel and Moustier, i. 786, ii. 41, 66, 68, (map), ii. 527  
Trade on the, xiii. 451  
Trip up the, Bardo, i. 811, ii. 782  
Upper—Expeditions to: Davoust, viii. 650; French, v. 36, 484, vii. 44; Gallieni, iii. 176, 311, 364, 502; Garrett (from Sierra Leone), xiv. 433\*; Hourst, xiv. 720; Soleillet, i. 512, 787; map of, Binger, xii. 710; mission to, Gallieni, vii. 196†  
Ni-hyön or Mud Mound, Corea, v. 283  
Niigata district, Japan, Ensley's report on climate of, ii. 251  
Niuhau, population of, vii. 462  
Nijrao valley, Hindu Kush, i. 117  
Nikaramand, village of, Northern Persia, v. 80  
Nikari-karu Indians, British Guiana, ii. 472, 481  
Nikitine, M., map of Modern China, vii. 595  
Nikolaiefsk, Manchuria, ii. 701  
Nikolsky, M., explorations of Lake Balkash, x. 596, xi. 409; on the fisheries of the Aral basin, x. 180  
Nilang Valley, i. 450  
**Nile River and Basin—**  
Blue, map of Schuber's explorations on, v. 629  
Cataracts of, ascent of, by the Gordon relief expedition, vii. 123  
Changes of level in the bed of the, Lamothe on, ii. 585  
Confluence of two branches, distance from Rhaptum to, xiii. 546; of the Astapus with the, Ptolemy's position of, xiii. 543  
Connection of the Reian Basin with, viii. 455  
Delta of, Janko on, xiii. 184†; deposits of, Judd on, viii. 189; depression of land in, xi. 647; journeys in, Aschereson, ix. 516  
Discharge of the, ix. 609  
Early explorations and discovery of the source of, iii. 682, 683  
Expedition of 1884–85, the Great, Butler, ix. 459†  
From the Po to, Pennazzi-Bessone expedition, iv. 577†  
Il Fiume Bianco e i Dénka, Beltrame, vi. 182†  
Journey to the Victoria Nyanza via the, Felkin, ii. 357\*  
Lakes—distance from Rhaptum to, xiii. 546; position of, xiii. 518; *id.*, according to Ptolemy, xiii. 532–34  
Length of, ix. 120, 253  
Levels and volume of, ix. 610, 611  
Maps of the—(river), vi. 109; Wyld's, vii. 61; from Wady Halfa to Khartum, vii. 61; (region), vii. 412, x. 186, xiii. 310, xiv. 202; Kiepert's, vi. 239, xii. 645

**Nile River and Basin—continued—**

- Navigation and explorations of, ix. 286, 287; difficulties of, between Wady Halfa and Sukarmatta, vii. 124  
Nine hundred miles up the, Walker, vi. 543†  
Notes on, for travellers in Egypt, Budge, xiii. 239†  
Provinces of, map of, Fox, vi. 488; *id.*, from third cataract to Khartum, vii. 61  
Region from the Euphrates to, geography of, Tomkins, x. 717  
Risings of the, xi. 31  
Route from Halfa to Debba, vi. 579  
Soudan, Egypt and, Chelu, vi. 871†  
Southern source of, discovered by Emin Pasha, xiv. 47  
Up and Down the Middle, the land of Khemi, Oliphant, iv. 122†  
Upper, Geographical co-ordinates in the valley of, Ravenstein, xi. 641†  
Valley, climatic forces of, xi. 649  
Water, deposits of, Judd, viii. 189  
White, hydrography of, Stone, iii. 114  
Nüghiri or Blue Mountains, vii. 726, viii. 681  
Nilometers, by Colonel Ardagh, xi. 28; Latif Manoug on, xi. 245  
Nilson, Capt. E., account of the loss of the *Oscar Dickson*, iv. 291  
Ningyal, Rinzin, survey of the Lower Sangpo river, xii. 354  
Nimo Namling, Mount, India, xiii. 418  
Nimrud Dagb, old Assyrian monument at, iv. 568  
Nimrud Torrent, Northern Persia, v. 66  
Nimyetsso lake, Sikkim, iii. 334, 339  
Nina-chumpi or Fire Island, xiv. 314  
Nindiri volcano, Central America, v. 670  
Ning Nahar, Kafiristan, ii. 282  
Ning-sha, road to, xii. 71, 72  
Ninguta, town, ix. 556  
Ning-Yuan or Chien-Ch'ang Fu, viii. 372  
Ninh-binh town, viii. 224  
Nipal. *See* Nepal.  
Nipon, Notes and Sketches from the Wild Coasts of, St. John, iii. 189†  
Niris, Persia, xii. 583  
Nissa, ancient city of, Turkistan, i. 184  
*note*  
Nissen, H., *Italische Landeskunde*, vi. 169†  
Nissen, P., *Reisekart over det sydlige Norge*, iv. 328; map of Norway, v. 360  
Nistaukam (Mustuch or Bison) river, Athabasca, v. 635  
Nitsatka lake, S.beria, ix. 379  
Niwal pass, iv. 540  
Nixon, Mr., on causes of overflow of the Euphrates, i. 797  
Nizam-ed-din Khan, ruler of Herat, v. 7–8  
Nizwa mountain, Northern Persia, v. 70  
Njali Mbe. *See* Kwango.  
Njong, Great, river, West Africa, x. 447  
Nkama river, Central Africa, xiii. 93, 94  
Nkana river, East Africa, xii. 225, 704  
Nkandbla, forests of, Zululand, xiii. 433

- Nkenye or Nkiö river. See Mikenye.
- N'Koude plain, Central Africa, xiii. 86
- Nkongi Aloe, E. Africa, xiv. 820
- Nkonya district, viii. 253
- Nkundja, Mobangi river, viii. 777, ix. 189, xi. 326
- N'nuai Kha river, xiv. 162, 171, 172. See also Meh-kha.
- Noánama tribe, San Juan valley, v. 255
- Noble, J., History, etc., of the Cape of Good Hope, Official Handbook, viii. 538 †
- Noë, Dr. F., Geologische Übersichtskarte der Alpen, xii. 252 †
- Noghai settlement in Asia Minor, vi. 314
- Noirrot, E., A travers le Fouta-Djallon et le Bambouc, vii. 55 †
- Nokki, Lower Congo, position of, xiii. 36
- Nomuka-eki island, S. Pacific, xii. 160
- Nongkhai, town of, Siam, x. 124
- Nong-tang lake, Siam, x. 126
- Nongyong lake and river, ix. 36, 41
- Norbotens Län, Karla öfver, xi. 465
- Nordeck, de. See Coffinieres de N.
- Norden af Dr. Magnus Roth (map), vi. 611
- Nordenskiöld, Baron A. E., expedition by N.E. passage, i. 3, 17, 21, 208, 364, 384, 668, 706, 754, 799; expeditions for the relief of, i. 381, 342; reception in Japan, i. 792; account of the wintering of the *Vega*, i. 799, ii. 53; his Arctic voyages, 1858-79, i. 743 †; medal presented to, by Tokio Geographical Society, ii. 51; on equipment for the Arctic winter, ii. 59; on the possibility of regular navigation in the Polar Sea, ii. 61, 62, 202 †; reception in England, ii. 246, 310; in Paris, ii. 320; collections made during his voyage, ii. 266; exhibition of the same, ii. 509; Lettres racontant la découverte du Passage N.E., ii. 326 †; Sa vie et ses voyages, Flahault, ii. 326 †; Lord Northbrook on, ii. 404, 405; elected hon. corresponding member of R.G.S., ii. 447; the Voyage of the *Vega*, transl. Leslie, iv. 64, 122 †; abridgment by Hovgaard, iv. 248 †; Scientific results †, iv. 446, v. 625, vi. 172, x. 52; his wintering in Spitzbergen, 1872-73, v. 209; expedition to Greenland, v. 165, 231, 363, 485, 602, 733; vi. 49; on the *Djmphna* and *Varna* expeditions, v. 176; on Mr. Leigh Smith, v. 222; on the travels of the *Zeni*, v. 372 †; ancient map discovered by, in Iceland, v. 473, 556; his various voyages, v. 563; on the brilliant sunsets caused by cosmic dust, vi. 166; on the name of Cape Thorsen, vi. 541; Memoirs on Arctic subjects, vii. 262 †; on the original Eskimo, vii. 402; Greenland, viii. 673 †; copy of old map of Northern Asia, x. 258; La seconde Expedition Suédoise au Grönland, transl. Rabot, x. 542 †; work on African maps, x. 589; on the inland ice of Greenland, xi. 479; on proposed Antarctic expedition, xii. 166; facsimile atlas of ancient maps, xii. 126
- Nordenskiöld, G., expedition to Spitzbergen, xii. 752
- Nordenskiöld, the, ii. 127, 404, 653, v. 97, 176, 406, 555, 604, 661, ix. 683; loss of, i. 706
- Nordhaf, J. B. Hans, Hof, Mark und Gemeinde Nordwestfalens, im historischen Ueberblicke, xi. 631 †
- Nordqvist, Lieut., Arctic journey of, ii. 56; on the true name of the Chukches, iii. 365
- Norie, J. W., epitome of Practical Navigation and Nautical Astronomy, xi. 397 †
- Norman, C. B., Colonial France, viii. 803 †
- Norman, H., the Real Japan, xiv. 131 †
- Norman, Sir Henry, remarks on Lésar's journey in Central Asia, v. 21
- Normanby island, v. 508, 509, xi. 53 †, 535
- Noros, seaman of the *Jeannette* expedition, letter from, iv. 291
- Norse colony, ancient, in Greenland, v. 160; of East Bygd, Major on, v. 294
- North, M., Recollections of a Happy Life, xiv. 811 †
- North Cape of Iceland, Thoroddsen's journey to, x. 306
- North East Passage, Sibirakoff's new expedition for, ii. 127; Temple on, ii. 653. See Nordenskiöld.
- North Pole, Expedition to, American, Bessels, i. 743 †; Cheyney's proposed, ii. 759; History of Voyages to the, Ven Hellwald, iii. 116 †; French translation, iv. 192 †; Voyages and Discoveries to the, Diego, i. 409 †
- North Sea—
- Analyses of water of the, Gibson, xiv. 628
- Coasts of the, sketch-map of, Halenbeck, v. 683
- Currents in the, xiv. 409; Mohn on, vii. 616 †
- Depths of, map showing, ii. 714, 715
- Level of, viii. 23
- Results of the Researches of the *Drache* in 1881-84, viii. 670 †
- Specific gravity of, map showing, Mohn, vii. 621
- Northbrook, Earl of, address on opening session, 1879, i. 753; on the Progress of Geography, ii. 401 †; on the Leigh Smith Relief Expedition, iv. 157; remarks at evening meetings, i. 473, 534, 589, ii. 35, 37, 97, 242, 264; on Colonel Gordon, ii. 195; on presenting the envoys from Uganda, ii. 383; on presenting medals, etc. ii. 447, et seq.; on the death of Captain Gill, iv. 760
- North Shields, navigation schools at, iv. 303
- North-west river, Labrador, x. 194
- Northumberland and Durham, Outlines of the Geology of, Lebour, ix. 57 †
- Northward Ho!, Markham, i. 479 †
- Norton, C. L., Handbook of Florida, xiii. 186 †
- Norumbega, the Defences of, Horsford, xiii. 376 †

**Norway—**

- And the Norwegians, Keary, xiv. 566 †  
 Best Tour in, Goodman, xiv. 566 †  
 Charts, hydrographic, vii. 269, ix. 329, xi. 467, xiii. 191  
 Coasts of, Voyage on, Temple, ii. 273 \*; their general features, ii. 280  
 Fiords of, origin and formation of, Hansen-Blangsted, vii. 255  
 Geographical Society of, proceedings of, xii. 177  
 Geological maps of, v. 183, vii. 130, xi. 465  
 Guide to, Handy, viii. 494 †  
 Handbooks to †, Baedeker, i. 740, vii. 771; Murray, xiv. 568  
 Journeys in, Rabot, iii. 501  
 Kristiania Omegn (map), xi. 465  
 Maps of:—vii. 130, ix. 209, xi. 464; by the Geographical Institute, i. 348; Nissen, iv. 328; (topographical), v. 183, xi. 464; (tourist's), xii. 642  
 Meteorological Institute of, Year-book of, viii. 477  
 North, travelling map of, v. 184  
 Round, from Tistedalen to Jakobselven, Nielsen, v. 241 †  
 Soundings, Admiralty, off Lofoden Island, viii. 724; off coast, ix. 115  
 Surveys—coast and deep-sea, Fabricius, ix. 380; Trigonometrical, de Seue, i. 284 †  
 Western, Guide to, Beyer, xi. 748 †; map of, *id.*, xii. 642  
 Norwegian expeditions—proposed Arctic, xi. 177; North Atlantic, 1876-78, v. 179, 497, vii. 346, 696, viii. 797, ix. 129, 523, xiv. 568; Polar meteorological, iv. 549  
 Nosiloff, C., expedition to Nova Zembla, ix. 378  
 Nosop river, S. Africa, vi. 21, 22  
 Nossi-bé (Noss-Vey) island, v. 674, vi. 628. See St. Marie.  
 Nourse, Prof., Hall's Second Arctic Expedition, edited by, ii. 142 †  
 Noury, Admiral de La Roncière le, obituary of, iii. 366  
 Nova Scotia, Fletcher's report on surveys in, iv. 517; Geology of, etc., Dawson, xiii. 746; information for intending settlers, viii. 538. See New Scotland.  
 Návah, village of, Northern Persia, v. 66  
 Novaviysk, town of, ix. 559  
**Novaya Zemlya—**  
 Birds and caves of, ii. 20  
 Boat journey of the crew of the *Eira* to, v. 218  
 Discovery of, ii. 2, 3  
 General account of, Toeppen, i. 409 †  
 Geology of, and Franz Josef Land, ii. 40  
 Expedition to, Grinewezki, vi. 428; Nosiloff, ix. 378  
 Refuge and observing station at, ii. 51, xiii. 170  
 The Hollanders in (1596-97), Tollens, vi. 544 †  
 Voyage of the *Isbjörn* to, in 1879, Markham, iii. 116 †

- Novaya Zemlya*, voyage of the, ii. 9  
 Návita, town of, Colombia, v. 255  
 Nowack, Karte d. Prov. Brandenburg, iii. 697  
 Noyamo. See Bomokandi.  
 Noyé rapid, Athabasca river, v. 637  
 Nozhet-Elhádi, Histoire de la Dynastie Saadienne au Maroc, xii. 640 †  
 N-akkara tribe, ix. 295  
 Nsama's town, xiv. 37  
 Ntamo, Stanley Pool, iv. 511, 513, 687  
 N'Tem river, W. Africa, xi. 438  
 Ntombi Mataka, falls of, West Africa, v. 700  
 Ntorendenga swamp, East Africa, x. 29  
 Ntunda, E. Africa, vii. 651  
 Nubia, Incidents on a Journey through, to Darfoor, Ensor, iii. 763  
 Nubian desert, sand and rocks of the, vi. 326, 327  
 Nuchuk village, Alaska, ix. 277  
 Nuevo, Valle, San Domingo, x. 240  
 Nugermint Esquimaux, viii. 458  
 Nuguor island, Caroline Islands, viii. 558  
 Nuhu-roa island, Ké Islands, x. 768  
 Nukha, Caucasus, xiii. 328, 314  
 Nu-kiang river, iv. 318, vii. 88. See also Lu, Lu-tze, and Giana Nu Chu.  
 Nuksan Pass, Hindu Kush, i. 111, 112  
 Nukus, position of, i. 515, 516  
 Nullabor plain, South Australia, exploration of, Jones, iii. 229  
 Nunataptasia lake, W. Greenland, iv. 236  
 Nuna, palace of the, Yucatan, v. 45  
 Nuotjavre lake, Russian Lapland, ii. 596  
 Núr river, Northern Persia, v. 62  
 Nur, the Dara'h of, Raverty on, iii. 498. See Dara Nur.  
 Nurse, Lieut. C. G., Journey between Zeila and Bulhar, Somaliland, xiii. 657 \*  
 Nursingrow, A. V., Juggarow Observatory, Results of Meteorological Observations, 1886, ix. 652 †  
 Nusairy mountains, Syria, viii. 94  
 Nushik Pass, Kashmir, xiv. 769  
 Nyaguzwe, Mount, Mashoonaland, xiv. 309  
 Nyam Nyam. See Niam.  
 Nyandan river, Sierra Leone, xiv. 449  
 Nyanger, Bushman drawings at, xiv. 298  
 Nyangwé, Central Africa, v. 705, ix. 49  
 Nyanza. See Victoria Nyanza.  
**Nyasa, Lake—**  
 Astronomical observations between Mozambique and, O'Neill, vii. 446  
 British Consul at, appointment of Capt. Foot, v. 659; territories on, xii. 663  
 Circumnavigation of, the Second, Stewart, i. 289 \*  
 Coal at north end of, iii. 264  
 Country between Tanganyika and—map of, Ravenstein, x. 747; Notes on, Cross, xiii. 86 \*  
 Eastern coast of, survey of, iv. 42; carried out by Mr. J. Stewart, iv. 420, v. 689  
 Explorations East of, Johnston, iii. 421, vi. 512 \*; O'Neill, v. 228

**Nyasa, Lake—continued—**

- Journey from, to Garenganze, Sharpe, xiii. 423\*; to the Loangwa, etc., *id.*, xii. 741\*; to Tanganyika, Stewart, ii. 247; *id.*, Thomson, ii. 209; north of, Johnston, xii. 225, 226, 722\*; to, by Bishop of Universities Mission, ix. 393†; *id.*, from Cape Town, Kerr, viii. 65\*
- Level of, alteration in, iii. 310, iv. 420; sinking of, vii. 450
- Longitude of, Bolton on, i. 526; Cotterill on, i. 459; Stevenson on, iii. 367
- Missions, Free Church, at, i. 590
- News from, v. 32
- North-east end of, visit to, Laws, iii. 42
- Progress at, ii. 44, 122, iv. 162, 226, 500, 686
- Rainfall in region of, xiii. 91
- Region of, vii. 744; journeys in, Stewart, i. 790
- Road from, to Tanganyika, progress of, iii. 272, 276, iv. 162, 294, 686, v. 290, 689
- Road to, iv. 203
- Seasons and weather on, iii. 259, 260
- Steamers on, i. 304
- Water-route to Central Africa *vid.*, Stewart, iii. 257\*
- Watershed between L. Bangweolo and, discoveries on, Stewart, v. 658
- Western side of, journey along, Laws, i. 305\*; observations on, Stewart, ii. 428
- Work at, Stewart, ii. 44
- Nyasaland—**
- Adventures in, Fotheringham, xiii. 239†
- Commercial geography of, xiii. 97, 98
- Possibilities of, Lugard, xi. 688\*; resources of, Hawes on, x. 237
- Explorations in, xiii. 392; of the Milanji mountains, White, xiv. 472
- Journey along the Southern Frontier of, Buchanan, xiii. 265\*
- Map of, Stanford, xii. 773
- Progress of affairs in, xiv. 558
- Proposed work in, Johnston, xiii. 227
- Tribes of, languages of the, iii. 260, 261
- Nyasa-Tanganyika plateau, xiii. 92
- Nyika country, north of Nyasa. *See* Unyika.
- Nyika plain and wilderness, E. Africa, i. 86, 87, 547, iv. 740, vi. 691
- Nynsee Tal, peak near, Himalayas, v. 604
- Nystrom, Juan G., journey into Paucartambo forests, v. 320

## O

- Oahu, population of, vii. 462
- Oakeley, H. E., on geographical education in training colleges, etc., x. 297
- Oates, Frank, researches in Matabeleland, i. 790; Matabeleland and the Victoria Falls, iii. 636†
- Oaxaca, highlands of, Lenk's geological studies in, xi. 384; province of, Seler's journey in, xi. 183

**Ob. *See* Obi.**

- Obang-Obang bird's-nest caves, x. 8
- Ober, F. A., exploration of the Lesser Antilles, i. 722; Camps in the Caribbees, etc., ix. 134†
- Oberdorf, Captain, survey of the Upper Gambia and Faleme rivers, x. 379
- Oberhummer, E., Der Berg des heiligen Kreuzes auf Cypern, xiv. 869†
- Obi-Irtish line of the projected Siberian railway, Baron de Bieberstein on the, xi. 47
- Obi, gulf of, Russian expedition to the, iv. 61, v. 175
- Obi river, difficulties of navigation of, ii. 322; progress of piercing the isthmus between the Yenisei and, viii. 58; route of Siberian railway *vid.*, De Bieberstein on, xi. 47; survey of, Dahl, map of, i. 748; trade route to, *vid.* the Kara Sea, Cattley on, ii. 639. *See also* Siberia and Yenesei.
- Obituary lists, i. 367, ii. 416, iii. 397, iv. 339, v. 388, vi. 379, vii. 429, viii. 436, ix. 351, x. 422, xi. 421, xii. 391, xiii. 399, xiv. 379
- Obok, E. Africa, v. 494; area and population of, vii. 104; Colony of, etc., De Lanessan, viii. 344†; French at, vii. 108, 109, 110, 552; De Rivoyre on, x. 51†; harbour works at, progress of, vii. 253; Obok, Mascato, Bouchire, Bassorah, De Rivoyre on, v. 432†
- Obree mount, New Guinea, xii. 216; Cuthbertson's ascent of, ix. 758, xii. 689
- Obrutcheff, V. A., Geological Researches in the Highlands of the Olerma, etc., xiii. 506†
- Observatory island, vii. 340
- Observing, the art of, by John Coles, xiii. 629
- Oceania, Froude, viii. 347†
- Oceania, Johnston's atlas of, vii. 840; map of, xiv. 270; the Island Groups of, Bastian, v. 49†
- Oceanic circulation, Buchan on, xiv. 628; depression, deep troughs of the, Dana, xi. 244, xii. 557, configuration of, xiv. 642; discovery, review of, 1831-81, Evans, iii. 621; islands, population and area of, xiii. 689
- Oceanography at the British Association, xiv. 619\*; Handbook of, Von Boguslawsky, vi. 236†; Murray on, vii. 671; Statical, Thoulet, xiii. 638†
- Oceans—comparative morphology of, Krümmel, i. 409†; currents, tides, etc., of, Jordan, viii. 347†; Der Ocean, Krümmel, viii. 674†; Meteorology of, Textbook of, Martin, x. 541†; Similarities in the Physical Geography of the Great, Buchanan, viii. 753\*
- Ochus, or southern arm of the Oxus, i. 180, 181 *note*
- Ockley, Simon, Account of South-west Barbary, etc., x. 610†



- O'Connor, E., exploration in the Argentine Republic, iii. 593
- Oda, or Nsuam, capital of Akem-Kotoku, viii. 247 and note
- Ódúhruun, or lava desert, Iceland, description of, Lock, iii. 471 *et seq.*
- Ole Ketu, W. Africa, xiii. 581
- Oder river, map of, v. 568; transparency and water-level of, xiv. 629
- Oderic de Pordenone, Frère, Voyages du, edit. Cordier, xiii. 638†
- Odgers, M. J., on geographical education in India, ix. 687
- Odo Ona Kekere, W. Africa, xiii. 582
- Odoli, or Antun, town of, ix. 560, 567
- O'Donovan, E., Merv and its Surroundings, iv. 345\*; the Merv Oasis, iv. 771†; remarks on Lessar's journey in Central Asia, v. 20
- Odontala valley, Tibet, vii. 170
- Oestergötland and Skåne, archaeological researches in, Montelius, v. 178
- Oesterley, H., Historisch-geographisches Wörterbuch des deutschen Mittelalters†, iii. 246, v. 109
- Oesterreicher, T. L. von, Aus fernem Osten und Westen (East Asia and America), i. 152†
- O'Flaherty, Rev. Mr., expedition in Uganda, iii. 587
- Oga-Shiwo current of Chinese waters, xiii. 725
- Ogadayn, trade and commerce of, vii. 638
- Ogobomoso, W. Africa, xiii. 585
- Oglen, Herbert G., Geography of the Land, xiii. 638†
- Oger, F., atlas de géographie, etc., vii. 496
- Ogilvie, William, explorations and surveys in British Columbia, ix. 758, x. 382; award of the Murchison grant to, xiii. 294
- Ogilvy, John, account of Bermuda, v. 498†
- Ogle, M. J., Gill memorial awarded to, xi. 311; explorations in Upper Assam, xi. 411; in Burma, xiii. 401; obituary of, xiv. 335
- Ogowé-Congo region, history of French explorations in, viii. 770 *et seq.*; routes to Stanley Pool, iii. 484
- Ogowé River—**  
 Basin of the, De Brazza, i. 684  
 French stations on the, vi. 622  
 Journey on the, Ballay, vii. 549  
 Map of the, Hansen, vi. 548; note on, Cat, xii. 436†; to illustrate De Brazza's journey, v. 55  
 Native tribes of the, Delorme on, iii. 363  
 Region of the, explorations in—Ballay and Mizon, ii. 775; De Brazza, i. 129, iii. 98, 175, 182, 359, 661, iv. 509; Crampel, xi. 437  
 Upper basin of the, De Brazza, i. 351  
 Ogriart pass, Turkistan, xiv. 783  
 Oguez, old bed of the Oxus near Merv, iv. 355 note
- Ogun river, W. Africa, xii. 597
- Ohio, Rand, McNally & Co.'s map of, xii. 56
- Ohio River, Boat-voyage down, Bishop, ii. 522†
- Oil rivers, W. Africa, x. 749; Gallwey's explorations on the, xiv. 322
- Ojibbeways, the, N.W. America, v. 649
- Okafina, or Cafina, tribe, W. Africa, ii. 629
- Oka river, Russia, v. 561
- Okavango river, S.W. Africa, iii. 173; Duparquet on, iii. 43; journey to, von François, xiv. 339; Thomas, ii. 368
- Okeodan, W. Africa, xii. 612
- Okhur, Dehistan, i. 170
- Okinawa-sima island, Loochoo, iii. 591
- Oklahoma, population of, xiii. 113; position and boundaries of, xi. 309
- Okomiut Esquimaux, viii. 458
- Okota tribe, viii. 648
- Oksali Mazar, xiv. 12
- Okuriké town, Old Calabar river, iv. 95
- Okwawa, the, Gold Coast, viii. 247
- Olascaga, M. J., Estudio topográfico de la Pampa y Rio Negro, iii. 505†; La Conquête de la Pampa, etc., iv. 445†
- Olaus Magnus, map of, viii. 790
- Olba, capital and district of, Asia Minor, xii. 446–458
- Olbig, G., Special-Karte des Kreises Waldenburg, ix. 723
- Old Calabar river, Edgerley's ascent of the, iv. 94; Presbyterian missionary map of, viii. 541; town and natives of, x. 753, 754. *See also* Cross river.
- Oldenburg, forests of, xiv. 800
- Oldham, H. Y., appointment to the lectureship of geography at Manchester, xiv. 316; Cadamosto and early exploration in Africa, xiv. 718
- Oldham, R. D., Bibliography of Indian Geology, xi. 314†; on Probable Changes in the Geography of the Punjab and its Rivers, x. 713†
- Olenék, Expedition of the Russian Geographical Society, Müller, iv. 576†
- Olerma and Vitim, Geological Researches in the Highlands of, Obrutcheff, xiii. 506†
- Olgiira, dress of Masai women, v. 530
- Olinda, Dr. A., Der Nicaragua-Canal nach Studien an Ort und Stelle, xiv. 728†
- Oliphant, L., travels in trans-Jordanic Palestine, ii. 649; the Land of Gilead, iii. 60†; the Land of Khemi (Middle Nile), iv. 122†; Haifa, or Life in Modern Palestine, ix. 316†; episodes in a life of adventure, ix. 590†; obituary of, xi. 422
- Oliver and Boyd's Pronouncing Gazetteer of the World, ii. 74†
- Oliver, Capt. S. P., Madagascar, viii. 779†; True Story of the French Dispute, vii. 465†; Robert Drury's Journal in, xii. 638†
- Oliver, E. E., Across the Border: or Pathán and Biloeh, xii. 704†

- Oliver, Prof., on James and Thrupp's botanical collection from Somaliland, vii. 639
- Olivier, A., Vicomte de Sanderval, De l'Atlantique au Niger, iv. 182 †
- Ollagua volcano, S. America, Berger's ascent of, xiii. 725
- Ollague, Bolivia, xiv. 709
- Olmagitti, dress of Masai men, v. 529
- Olonsu village, Turkistan, xiv. 782
- Olsvæg, V., Beyer's Guide to Western Norway, xi. 748 †
- Oluwa river, W. Africa, xiv. 321, 322, 458
- Olympia and surrounding district, Curtius and Adler, iv. 440 †
- Olympus mount, Cyprus, i. 102
- Oman, Gulf of, Harbours and Trade of, xi. 512 †
- Omar Yusuf, chief of the Gobron tribe, v. 717
- Ombalandu tribes, W. Africa, ii. 629
- Ombandja tribes, W. Africa, ii. 629
- Ombilin coal fields, Sumatra, i. 776 *note*
- Omei, or Omi, mount, China, v. 421, xiii. 332, 337
- Omekon river, xiv. 410
- Ometepe volcano, Central America, v. 870
- Ommanuey, Admiral Sir E., on Antarctic explorations, vii. 758, viii. 718, ix. 576, 622; on oceanography, viii. 768; remarks at evening meetings, ii. 287, iii. 149, vii. 372, xi. 486, xiii. 156, xiv. 612
- Omm-el-Bachar island, vii. 112
- Omo river, E. Africa, xi. 182, xii. 174, 377; identity with the Niam-Niam river, xi. 680; Borelli's explorations on the, xi. 560; D'Abbadie and Borelli on the course of the, xi. 249, 250
- Omsk, Russian Central Asia, v. 669
- Omsk military topographical department, ix. 436
- Omuru, King of Nupé, iii. 29
- Onas Indians, Tierra del Fuego, xiii. 365
- Ondo, W. Africa, xiv. 321, 458
- Ondonga tribe, W. Africa, ii. 629
- O'Neill, H. E., journeys in Mozambique, iv. 46, 94, v. 482, 551, 719, 730, vi. 153, 373, 578, 741; in the Makua and Lomwe Countries, iv. 193\*; on Lake Shirwa and the Lujende river, iv. 321; on snow-clad peaks in Mozambique, iv. 381; on the C ast-lands, Rivers, and Ports of Mozambique, iv. 595\*; Journey West of Cape Delgado, v. 393\*; Journey to Lake Shirwa, etc., and return to Angoche, vi. 632\*, 713\*; on Pinto's expedition, vi. 744; arrival in England, vii. 239; on Nakala and other Ports on the Mozambique Coast, vii. 373\*; Eastern Africa between the Zambesi and Rovuma, vii. 430\*; astronomical observations in E. Africa, vii. 446; presentation of medal to, vii. 474, 477; Journey from Quilimane to Blantyre, vii. 446\*; in the Delagoa Bay District, ix. 497\*
- Oncoscorus, on the River Mand, v. 715
- Ongangera tribe, W. Africa, ii. 629
- Ongés, natives of Little Andamans, x. 570, 572, 575
- Oni, Caucasus, xiv. 103
- Oni river, W. Africa, xiii. 580
- Onilahy, rise of river, Madagascar, xiii. 367
- Ontario, county map and shippers' guide to, iv. 724; the Immigrant in, viii. 538 †
- Opi, or Werre, river, ix. 292
- Opium growing on the Zambesi, vii. 647
- Opobo, W. Africa, x. 758
- Opone, ancient place of Africa, xiii. 529; distance from Rhaptum to, xiii. 546
- Oppel, Dr. A., Die Religiösen Verhältnisse von Africa, ix. 715 †; on the growth of population in Europe, viii. 399; on acclimatization, ix. 690; Terra Incognita, xiv. 506 †
- Oppert, E., Ein verschlossenes Land, Reisen nach Corea, ii. 391 †; English translation, ii. 139 †
- Oprang river, Turkistan, xiv. 209, 217, 219, 781
- Oqualudi tribe, W. Africa, ii. 629
- Oquambi tribe, W. Africa, ii. 629
- Oquanyama tribe, W. Africa, ii. 629
- Oran and Algeria in 1887, Historic, Scientific and Economic Notes, Seguy, x. 691 †; Southern, and Tunis, maps of, v. 557
- Orang-outangs, or forest men, of the Malay peninsula, v. 46
- Orang Semang tribe, Malay peninsula, iv. 409
- Orange bay, Cape Horn, French meteorological mission to, v. 560
- Orange Free State, area and population of, iii. 3; population, products, etc., of, iv. 177; extent of, vi. 627
- Orange islands, Novaya Zemlya, ii. 32
- Orange river, S. Africa, iii. 6, v. 696, vi. 20, 27, 625, viii. 447, 448
- Ordinaire, M. O., new route from Peru to the Amazons, x. 650
- Ordinance and admiralty surveys, report of committee on, viii. 740
- Ordinance maps, on some defects of the, Wilkinson, ix. 702; new issues, *passim*; suggestions for improvement of, Crook, xiii. 631
- Ordinance survey, datum level of, viii. 24, 25; present state of, etc., Crook on, xii. 674 *et seq.*\*; spirit levellings of, viii. 23; Utilisation of, Wilson, ix. 704, 786 †; White on, ix. 205 †
- Ordos desert, ix. 233
- Oregon, climate of, Laidlaw on, xi. 505; mountains of, Steel, xiv. 133 †; surveys in, 1878, Wheeler, i. 394; Goad on, i. 694\*
- Orff, Dr. O. von, report on the topographical department, vi. 481
- Orgãos, Serra dos, viii. 356
- Orient and Occident, Mitford, x. 744 †
- Orient Steam Navigation Co.'s coaling station at Diego Garcia, viii. 390

- Orientalists, International Congress of, at Leyden, v. 290  
 Orientem, Ad, Frederickson, xi. 755 †  
 Origanumu tribe, New Guinea, xii. 561  
 Orinoco, Chaffanjon's expedition to the sources of the, vii. 397, viii. 51, ix. 204, 255, 456, x. 96, 100; Upper, Montolieu's explorations in the basin of the, iii. 105; the Orinoco and the Caura, Chaffanjon, xii. 572 †  
 Orissa province, viii. 688  
 Orizaba, peak, height of, xii. 754, xiv. 804  
 Orkhon river, ruins on banks of, xii. 424  
 Orkney and Shetland isles, their Past and Present State, Tudor, v. 431 †  
 Baddeley's Guide to, viii. 473 †  
 Orleans, Prince Henry of, journey (with M. Bonvalot) through Central Asia, xii. 38, 45, 98, 175, 234, 235, 467, xiii. 385; De Paris au Tonkin par terre, xiii. 691 †  
 Oroesa Jökull, Mr. Howell's ascent of the, xii. 619, xiii. 612, xiv. 841 \*  
 Oroshi desert, Iceland, iii. 479, 480  
 Oroí village, New Guinea, xi. 89  
 Oroko, New Guinea, ix. 77  
 Orontes mountains, x. 85 note.  
 Orontes, valley of the, viii. 95  
 Oropaza, S., Cuestion de Límites entre las Repùblicas de Bolivia y del Perú, x. 604 †  
 Orotava, map of the, valley of, Rothplatz, xi. 704  
 Oroya, Peru, xiv. 384, 391, 394  
 Orozco y Berra, M., Apuntes para la Historia de la Geografía en México, iv. 122 †  
 Orpen, G. H., the Song of Dermot and the Earl, xiv. 578 †  
 Orrery, Nouvelle Machine Cosmographique, Girard, x. 188; Philip's patent revolving, xiii. 640  
 Orta, Lago d', Italy, v. 621, 622  
 Ortega, Rio de, latitude of, xii. 415, 416  
 Ortelius, Abraham, Ecclesiæ Londino-Batavæ Archivum Tomus Primus, edit. Hessels, x. 256 †  
 Orthography of Geographical Names, Dalton on, xiv. 770 †; R. G. S. System of, vii. 535 †, xiv. 47, 116 \*  
 Orion river, S. America, v. 333, xi. 497, 498  
 Ortroy, F. Van, Esquisse Géographique de l'Afghanistan, x. 395 †  
 Orueta y Duarte, Domingo de, Informe sobre los Terremotos en el sud de España †, vii. 771, 829  
 Osborn, Capt. Sherard, i. 31  
 Osar Dickson, voyage of the, to the Yenisei Gulf, in 1880, Sibirskoff on the, iii. 231; loss of the, iv. 291  
 Oschatz, Wandkarte der Bitterfelder Kreises, iv. 579  
 Osh, Central Asia, xiv. 4  
 Osuain, M., expedition in Central Asia, i. 64, 209, 357, 591; on the Khullus river, ii. 573; map of his routes, iv. 453; visit to the scene of the earthquakes in the Vernoe district, x. 638  
 Oshima island volcano, Japan, ix. 93  
 Oshogbo, West Africa, xiii. 585  
 Oshun river, West Africa, xiii. 580  
 Osnabrick, topographical map of, Winter, ii. 464  
 Ossete Sanctuary, Caucasus, vii. 601; tribe, x. 702, 703; villages and monuments, xiv. 104, 105  
 Osten-Sacken, Baron, on the progress of geography in Russia, ii. 323  
 Ostroumoff, Dr., on the Fauna of the Black Sea, xiv. 461  
 Oswald, F. L., Streifzüge in den Urwäldern von Mexico und Central-Amerika, iii. 380 †  
 Oseyba tribe, viii. 652  
 Otago, Complete Guide to the Lakes of, Ross, viii. 306 †  
 Otchakoff on the Dnieper, surface level at, viii. 269  
 Otchivemba mountain, South-West Africa, v. 464  
 Oto Bororowa or Korohoro, xii. 131  
 Otomí tribe, Vera Cruz, ix. 568, 570  
 Ottawa, proceedings of the association of dominion land surveyors at, viii. 476  
 Otterloo, A. van. See Serné.  
 Ottino, G., Il Mappamondo di Torino, xiv. 811 †  
 Ottiwell, Sir F., obituary of, xii. 392  
 Ottoman Empire, directory for, Henriot, iv. 565, 567; map of the, Klepert, xiv. 349; of the Asiatic provinces, *id.*, vi. 360  
 Otquis river, Gran Chaco, xi. 150; New Province of, Quijarro on, xii. 706 †; Colonization of, xii. 708 †  
 Otway water, Magellan Straits, ii. 553  
 Ouargla. See Wargla.  
 Oudemans, J. A. C., Notiz über die Triangulation von Java, xiv. 809 †  
 Oudh and North-West Provinces, population of, xiii. 612  
 Oudjda, from Fez to, De Chavagnac, ix. 779 †  
 Ouita river, Central Asia, xii. 24  
 Oukawa, M., on the society of political economy and statistics at Tokio, v. 559  
 Oua, Cilicia Tracheia, xii. 458  
 Oupocari falls, Essequibo river, ii. 474  
 Oustalet, M., on the fauna of Great Comoro, vii. 611  
 Ovabero tribes, viii. 650  
 Ovampoland, S. W. Africa, explorations in, Duparquet, ii. 628, iv. 96; Höpfner, v. 659; population and extent of, i. 710  
 Ovampo tribe, v. 466, viii. 651  
 Ovattimba tribe, viii. 650  
 Overbeck, Baron, negotiations with the Sultans of Borneo, i. 122  
 Overstone, Lord, obituary of, vi. 381  
 Oviedo on Vespucci's alleged first voyage, xiv. 610  
 Ovimbundu tribe, xi. 69  
 Ovis Poli of the Altai mountains, x. 495  
 O-Wassa mount, ix. 623. See Clarence Peak.  
 Owen, Capt., Voyages, etc., in the *Leven* and *Barrucouta*, i. 204 †

**Owen Stanley Range—**

Ascent of, Hartmann and Hunter, ix. 621, 767; Macgregor, xi. 504, 605, xii. 193,\* 381, 558, 688, (scientific results), 616; of Mount Obree in, Guthbertson, ix. 758

Expeditions to, Forbes, v. 408, vi. 372, 403; Government of Victoria, ix. 305

Heights of peaks of, Macgregor, xi. 606

Letter from H. O. Forbes on, xii. 558 *et seq.*

Nomenclature of the peaks, xi. 606, xii. 218, 219, 697

Owen's lake, Colorado desert, xiv. 310

Owithya, game at, South-West Africa, v. 464

Oxenham, E. L., on the climate of Central China, ii. 46; proposals and measures for establishment of readership, viii. 529, 708, ix. 188, 239, 254, 333, 334, 698; appointment of Mr. Mackinder as reader, ix. 437; teaching of, Mackinder on, ix. 698; progress in, *id.*, x. 531, xi. 502, xii. 419, xiii. 428, xiv. 398; award of studentship, xiv. 235

**Oxford University—**

Extension lectures, 1887-88, ix. 681

Geography at—memorial on professorship, i. 261; proposals and measures for establishment of readership, viii. 529, 708, ix. 188, 239, 254, 333, 334, 698; appointment of Mr. Mackinder as reader, ix. 437; teaching of, Mackinder on, ix. 698; progress in, *id.*, x. 531, xi. 502, xii. 419, xiii. 428, xiv. 398; award of studentship, xiv. 235

Local examinations, award of medals for geography at, vii. 478, viii. 468, ix. 454

**Oxus or Amu-daria**, iv. 870, vii. 234, 235, 253—

Ancient course of the, i. 161, iv. 221, v. 14, 172, 430, 561; Erckert on, xiv. 869†; Kaulbars on, x. 182; Morgan on, xiv. 236; Petrusévitch on, i. 403; inundation of, Streznéffsky on, i. 146; Russian expedition for exploration of, i. 342, ii. 68, 187

Diversion of, to the Caspian, project of, ii. 187, vi. 286, 592, 593; Woëlkof on, i. 475

Journey on the, Bonvalot and Capus, iii. 787

Lower—positions on, Dorandt, i. 515

Railway bridge across, x. 246, xi. 287

Sources of, xii. 234, xiv. 784; map of, xiv. 349

Steppe Routes from Karahi to, Morgan on, iii. 723\*

Surveys of, Zubof†, i. 222, x. 181; *id.*, topographical, to Herat from, Grodekof, i. 387, 591

Tributaries of, vi. 504 *and note.*

Upper—course of the, xiv. 51, 52;

Regions of the, Michell on, vi. 489\*;

Ujfalvy on, i. 144; his map, i. 344

Oyamburu, pyramid of, Ecuador, iii. 465

Oyapok river, Guiana, xiii. 40; upper tributaries of, xiii. 562

Oyo, West Africa, xiii. 585

Oz, Persia, v. 65

Ozi river, W. Africa, xiv. 514

**P**

Paars, Major, attempt to cross Greenland, xi. 469

Pablobamba river, Bolivia, v. 322

Pacaraima or Parima range, Guiana, xiv. 667

Pacavara Indians, v. 329

Pacaya, volcano of, Central America, v. 670

Pachtusoff, Lieut., Arctic voyage of, ii. 10-12

**Pacific Ocean—**

A spring in the, Monnier, viii. 62†

Coast-lines of the, development of, xiv. 653

Coast Scenic Tour, Finck, xiii. 185

Colonization of, Marquis de Ray's scheme, ii. 369, iii. 47

Currents of, Schott on, xiv. 376

Deep-sea investigations in, xiii. 180

Geographical Society of, formation of, iii. 740; proceedings, iii. 761, iv. 180

Islands of (*see also* Oceania and Polynesia)—diminution and migration of population of, viii. 563, 564, 566; Ethnographical map of, Whitney, i. 614; photographs of, Cross, x. 404

Maps of—Kiepert, iv. 188; Bathymetrical, xi. 399

Meteorological charts of, i. 178

Missionaries in, viii. 563, 564

North—directory for navigation of, Findlay, viii. 280†; expedition to, Fusch, ii. 50

South—U. S. deep-sea soundings in, viii. 333

Surveys, marine, in, ii. 421, v. 599, xii. 390, xiii. 398

Tribes of, contribution to knowledge of, Schmeltz and Krause, ii. 712†

Unfreiwillige Wanderungen in, map of, xii. 576

Voyages in the, Buchner, i. 223†

Wanderings South and East, Coote, vi. 248†

Western—Coote on, v. 746†; map of, vii. 200, 494; and New Guinea, Romilly, viii. 407†

Pacific railways, in North America, Schlagintweit, viii. 537†; Canadian, Begg on, viii. 727

Packard, A. S., ascent of the Popocatepetl volcano, viii. 335; the Labrador Coast, xiv. 504†

Packe, Ch., exploration of the Pyrenees, vi. 46

Padamo river, South America, x. 96

Padas river, North Borneo, v. 721, x. 10 *et seq.*

Padrao, Point, mouth of the Congo, v. 694

Pagalan river, North Borneo, x. 12, 13

- Page, Capt. J., the Gran Chaco and its Rivers, xi. 129\*; expedition up the Pilcomayo, xii. 618, xiii. 39; obituary of, xiii. 400
- Pagels, M., Tre Àr i Kongo (in part), ix. 261†
- Paget, Lieut.-Col. W. H., Expeditions against the North-West Frontier Tribes, etc., x. 737†
- Paghman range, Afghanistan, i. 117, 193, 245, iii. 71
- Pahang, the Bandaharah of, iv. 401; river, Malay Peninsula, xiv. 535
- Pahre, Afghanistan, vii. 166
- Pahuin tribe, W. Africa, iii. 363
- Pai-to-san mountain. *See* Peik-tu-San.
- Paiungga river, viii. 689
- Pai-shan, mount, ix. 543, 544. *See* Peik-tu-San, and Chang Pai Shan.
- Paiwans of Formosa, xi. 227, 228, 232
- Paiwar pass and range, i. 48, 625
- Pai-yen-ching brine wells, viii. 376
- Pajot, E., *Simple Renseignements sur l'île Bourbon*, ix. 520†
- Pakhoi, trade at, xiii. 263
- Palacio, Licenciado Diego de, Letter of, 1576, to the King of Spain, on the ruins of Copan, viii. 573
- Palæocrystic ice of the Arctic seas, viii. 163, 164, 174
- Palæolithic man in N. W. Middlesex, Brown, x. 105†
- Pa'ander, Lieut., Arctic journey of, ii. 58; medal awarded to, ii. 311, 446
- Palang Durwaz, or "Panther's Portal," Persia, v. 63
- Palanga, Asia Minor, xiv. 58
- Palani hills, S. India, vii. 728
- Palat, Lieut., assassination of, in the Sahara, viii. 397
- Palawa peak, Africa, v. 719
- Palena river, Chili, ix. 580
- Palenque, inscriptions at ruins of, viii. 593
- Palestine—**
- Bibliography of, Röhricht, xiii. 372†
- Eastern—Survey of (Pal. Exp. Fund), meeting on, iii. 46; report of committee for, iv. 642, v. 675; Conder on (Adwan Country), xi. 512†
- Geographical, etc., Description of, Guérin, ii. 139, 459†
- Geology and Physical Geography of, west of the Jordan, Ankel, x. 175†
- German pilgrimages to the Holy Land, Röhricht and Meisner, ii. 709†
- Haifa, or Life in Modern Palestine, Oliphant, ix. 316†
- Historical Geography of, Henderson, vii. 195†
- Illustrated, xii. 502†; *id.*, Temple, x. 474†
- In the time of Jesus Christ, Stapfer, vii. 54†
- Journey in, Guérin, iv. 438†
- Journey to the Holy Land, 1532, Possett and Philippe, xii. 571†

**Palestine—continued—**

- Maps of:—Armstrong, xii. 644; Bamberg (wall), vi. 428; Bible Topographical, xiv. 137; Fischer and Guthe, xiii. 696; Guérin, iii. 496, 640; Johnston, i. 159, v. 628; Kiepert (wall), v. 436, 504, xii. 188; Thuillier, v. 686, vi. 613; Wood (pictorial), ix. 268
- Monumental history of, Conder, ix. 259
- Photographs of, Robinson, xiv. 204
- Pilgrims' Text Society, Publications of, ix. 323†
- Tent work in, Conder, i. 478†
- Under the Moslems, Le Strange, xiv. 131†
- Western—Flora and Fauna of, Tristram, vi. 425†; map of, Palestine Exp. Fund, ii. 397, iii. 700, iv. 186; Survey of, Conder and Kitchener, v. 304†; Warren and Conder, vi. 424; Hull on, viii. 343†; index to memoirs of, Stewardson, xi. 57†
- Works on—Conder, xii. 47†; De Vaux, v. 567†
- Palgrave, Mary E., Pictorial Geography of the British Isles, ix. 711†
- Palgrave, W. G., on the desert of Nefud, ii. 94; Ulysses, or Scenes and Studies in many Lands, ix. 784†; obituary of, x. 713
- Palgucho lake, Tibet, x. 90
- Pa-li-kul or Barkul, xii. 79
- Pallaballa, West Africa, v. 572
- Pallas, second voyage of, etc., xi. 756†
- Palmer, Prof., death of, iv. 758, 761
- Palmer, river, New Guinea, xii. 352
- Palocz, Prof., Lyon, Ein Französische Stadtebild, xiv. 866†
- Palombe river, Central Africa, ix. 43, xiii. 272
- Paloung tribe, Burma, x. 267, 268
- Palti or Yamdok-cho lake, viii. 428
- Paltu river, i. 199
- Palura river, ancient India, iv. 653
- Pamary Indians, Amazons, ii. 571, xii. 241
- Pambala tribe, viii. 636
- Pambete, longitude of, iii. 271; *id.*, Stewart, ii. 431
- Pamir-i-Wakhan, xiv. 230
- Pamir—**
- Account of the, Ivanof, vii. 339
- Climate of, xiv. 223, 224
- Dragon lake of, Rawlinson on, ix. 69\*
- Early history of, xiv. 233
- Fauna and Flora of, ii. 504
- Geography of, Black on, xiv. 124; Wheeler and Walker on, xiv. 51, 52
- Geological structure of, i. 125
- Highlands of the, vii. 85, 87
- Journeys and explorations in—Capus, xii. 501; Grombehevsky, xi. 49, 103, 171, 563; Grun Grijimaillo, xi. 171; Littledale, xiv. 1\*; Oshanin, i. 209; Russian (1883), vi. 135\*; Severtsoff, i. 455, 593, ii. 499\*, iii. 120, 664; Yungghusband, xiv. 205\*; various, vi. 3, 8

**Pamir—continued—**

- Little, xiv. 226  
 Map of the, xiv. 349  
 Mountains of the, iv. 614, 615, xiv. 223, 224; system of, Severtsoff, v. 182  
 Remarks on, Freshfield, xiv. 29 *et seq.*  
 Snow in the valleys of, Capus on the depth of, xii. 635  
 Work on, Geiger, x. 254 †  
 Pampas and the Andes, across the, Crawford, vi. 302 †; work on, Zöller, vi. 426 †  
 Panama, Five Years at, Nelson, xiii. 240 †  
**Panama Canal—**  
 Congress on, at Paris, i. 400, 474  
 History, etc., of, Rodrigues, viii. 130  
 In 1886, report on, Roux, ix. 321 †  
 Lesseps on, x. 663  
 Locks of, Lesseps, x. 241  
 Map of, vii. 494; (relief), Muret, iii. 254  
 Mean sea level at ends of, viii. 397  
 Panoramic plan of, viii. 286; *id.*, Muret, iii. 768  
 Progress of, i. 340, 608, ii. 66, 580, iv. 102, vi. 50, 93, 587, x. 169  
 Surveys for—ii. 192; Wyse and Reclus, ii. 475, 737; reports on, Wyse, i. 407 †; Lull and Collins, ii. 201 †  
 Works on—Wyse, viii. 211 †; Zöller, v. 49 †  
 Panama, Isthmus of—Journeys in, Reclus, iii. 576 †; notes on, Peacock, i. 688; visit to, White, v. 263  
 Pancas Rio, Brazil, x. 70  
 Panchow, H., Ueber Zwergvölker in Africa und Süd Asien, xiv. 876 †  
 Panda ma Tenka, South Africa, v. 230, xi. 222, xiii. 375  
 Panga falls, Aruimi river, xi. 266  
 Pangani bay and town, E. Africa, i. 545, 546, 559, vii. 156, 159; routes from, to the Masai country, Farler, iv. 730 *et seq.*; river, Von Gravenreuth's journey up, ix. 56. *See* Luvu.  
 Pangani falls, Rufiji river, i. 529, iii. 648, 649  
 Panghal district, E. Africa, iv. 153  
 Pangkong lake, Central Asia, v. 614  
 Pangula, pass, Tibet, x. 90  
 Panj or Panja river, Pamirs, iv. 414; vi. 498, 503, 508, viii. 45  
 Panjur, Beluchistan, v. 720  
 Panlaung river, xiii. 402  
 Panouse, Vincomte E. de la, travels in South Africa, ix. 127  
 Panthay kingdom, W. China, x. 269  
 Panton, J. H., Transactions of the Historical and Scientific Society of Manitoba, viii. 407 †  
 Pantusoff, N. N., Ferghana, according to the Memoirs of Sultan Baber, xi. 392 †; Information on the Kuldja Region, xi. 392 †; War of the Mahomedans against the Chinese, xi. 392 †  
 Panum vicus, distance from Raptum to, xiii. 546  
 Panunga tribe, Australia, x. 670

Panyame. *See* Hanyame.

Panyny river, Dr. Melrose's journey up the, iv. 295

Papar river, N. Borneo, iv. 118, x. 135

Papua, Gulf of, vi. 203, 204; cannibalism among isolated tribes of, v. 506, 507; unhealthiness of, v. 506, 516; Explorations in the Region of the, Bevan, x. 82 \*

Papuans of New Guinea, i. 7, vi. 209, 210, x. 203, 204, 602; Miklukho-Maclay's study of the, iv. 769

Paquier, Prof., on English discoveries in Afghanistan, ii. 515; on the establishment of a national school of geography, vi. 423

Pará, Brazil, viii. 513; longitude of, Franklin on, i. 217; river, viii. 358, 516

Parachoatras mountains, x. 85 *note*

**Paraguay—**

Forests and vegetation of, xi. 142, xii. 428

History of, etc., Guevara, viii. 212 †

Hundred Days in, Toeppen, vii. 694 †

Journey through, Sosa and Bourgade, x. 167

Map of, Beyer, viii. 608

Resources of, report on, xiv. 326

The Republic of, x. 634 †

Work on, Bourgade, xii. 640 †

Paraguayan Treasure, A. Search and Discovery, Baillie, ix. 520 †

Paraguay river, iii. 403, 408, 409; journey from, to the Amazons, Ehrenreich, xii. 42

Paramaribo, Guiana, population of, xiii. 597

Parana, province of, Mendoza's explorations in, x. 650

Parana, Rio, viii. 360

Parapanama river, map *cf.*, xii. 253; survey of valley of, xii. 122

Paranatinga river, viii. 519

Parapiti river, Bolivia, iii. 406, xii. 672

Parasang, Persian measure, length of, x. 584, 586

Paráú, mount, i. 170 *note*

Pardo, Don Manoel, obituary of, i. 134

Pardoux, M. N., explorations of the Mekong river, ix. 774

Paré mountains, East Africa, xii. 615, 667

Pariisky, Capt., survey on the Zarafshan, ix. 434

Parima range, Guiana, xiv. 667

**Paris—**

Album of ancient plans of, Alphant, ii. 720

Atlas (pocket) and guide to, Bartholomew, xi. 467

Chair of Colonial Geography in, xiv. 554

From Paris to Japan, Cotteau, v. 301 †; to Samarkand, Ujfalvy-Bourdon, iii. 61 †; to Tonkin, Prince Henry of Orleans, xiii. 691 †



## Paris—continued—

- Geographical Society of—award of medals, etc., of, i. 402, ii. 320, iii. 185, iv. 241, 385, v. 358, vi. 233, 346, vii. 251, 547, viii. 273, 471, ix. 255, 387, x. 471, xi. 249, xii. 298, xiii. 300, xiv. 465; meetings of, *passim*  
 Plan of, ix. 63; *id.*, Andriveau-Goujon, i. 153; Legerot, i. 612  
 Parish, Sir Woodbine, obituary of, iv. 612  
 Parker, Bishop, journey from Mombasa to Mamboia, x. 92  
 Parker, E. H., journey in North Sze-chuen, iv. 610  
 Parker, Gilbert, Round the Compass in Australia, xiv. 662 †  
 Parkes mount, New Guinea, xi. 606, xii. 217  
 Parkin, G. R., Round the Empire, xiv. 578 †  
 Parkinson, S., Journal of a Voyage to the South Seas, xiii. 300 †  
 Parmentier, J. and R., works and Voyages of, edit. Schefer (Recueil de Voyages), v. 499 †  
 Parnahyba river, viii. 361  
 Parola, G., Saggio di Climatologia, etc., dell' Italia, iii. 502 †  
 Parola tribe, Australia, xi. 670  
 Paropamisus, or Barkut, mountains, Afghanistan, v. 7, 12, vii. 276, 286, 581 and note, 668  
 Parry, Sir Edward, voyage to Hudson's Bay, x. 554  
 Partabgarh, fort of, W. India, iv. 464, 465  
 Partamona Indians, vii. 499 note, 501, 502, 525  
 Partsch, Dr. J., *Physikalische Geographie von Griechenland*, vii. 257 †; on the principal range of the Central Apennines, xi. 743; Kephallenia and Ithaka, xii. 702 †; map of the same, xii. 709; Die Entwicklung der historischen Länderkunde, etc., xiv. 876 †  
 Parvum Littus, of Ptolemy, xiii. 528, 546  
 Pasco, C., on Englishmen in Timor Laut, vi. 472  
 Pasco, Peru. See Cerro de Pasco.  
 Pascoe, Staff-Commander, survey of the Yé river, x. 33  
 Pas-de-bout rapid, Athabasca river, v. 637  
 Pasi Mta pass, Caucasus, x. 692  
 Pasion, Río de la, Guatemala, v. 191, 196  
 Paso Real, Guatemala, v. 191, 196  
 Passage charts, Isochronic, construction of, Galton, iii. 657  
 Pasarge, L., Aus Baltischen Landen, ix. 526 †  
 Passavant, M., journey to Liba lakes, vi. 477  
 Passier point, New Guinea, v. 512, 513  
 Passoemah lands, Sumatra, v. 657  
 Pastolik, Alaska, iv. 662

## Patagonia—

- Across, Lady F. Dixie, iii. 190 †  
 Description of, Falkner, viii. 411 †  
 Explorations and journeys in—Bove (Italian scientific expedition), iii. 659, v. 112 †; Burmeister (Chuput Region), xi. 514 †; *id.*, and Bell, xii. 291; Castillo, ix. 512, x. 651; Durnford, v. 84 †; Fontana (Chubut), viii. 527; Lista, i. 479, 683 †, ii. 511, 709 †, iii. 248 †; map of the latest, 1881, iv. 188; Machon, xiv. 361; Mohler, xiv. 661; Moreno, i. 687 †, 816, ii. 516, (map), iii. 512; Moyano, viii. 411 †, ix. 384; for national museum, map of, xi. 759; various, vii. 342  
 Southern, Ramon Lista, ii. 201 †  
 Wanderings in, Beerholm, i. 284 †  
 Paterson, J. W., map of North Formosa, v. 54, 177  
 Pathán and Biloch, Oliver, xii. 704 †  
 Patia River, Colombia, White's explorations on, v. 258–261  
 Patkoi pass, ix. 41; route from India to China, *vide* the, iii. 492  
 Paton, W. A., Down the Islands (Caribbees), x. 178 †  
 Patterson, Capt., on the Bamangwato country, i. 240; notes on Matabelland, i. 509; death of, i. 243  
 Patterson, Rev. Dr. G., the Magdalene Islands, xiv. 728 †  
 Patton, J. H., natural resources of the United States, x. 253  
 Patung, coal mines at, viii. 383  
 Pau, geographical conference at, xiv. 555  
 Paucartambo, forests of, Bolivia, v. 317, 318  
 Pavillac, Carte de, vi. 486  
 Paula, Holy, the Pilgrimage of the, St. Jerome, transl. Stewart, ix. 323 †  
 Paulitschke, Dr. P., Die Geographische Erforschung des Afrikanischen Continents, ii. 522 †; *id.*, der Adal-Länder und Harar's, vi. 425 †; Die Afrika-Literatur in der Zeit von 1500 bis 1750, iv. 391 †; expedition into Somal Land, vii. 458; Die Sudanländer nach dem gegenwärtigen Stande der Kenntnisse, viii. 601 †; Beiträge zur Ethnographie und Anthropologie der Somäl, etc., viii. 672 †; Harar, Forschungen nach den Somal- und Galla-Ländern Ost-Afrika's, xi. 394 †  
 Paulson, Mr., attempt on the Öræfa Jökull, xiv. 842  
 Pavia, A., Itinéraires dans le sud-ouest de l'Indo-Chine Orientale (map), vii. 493; journey from Laos to Tongking, x. 472  
 Pavin lake, France, xiv. 556  
 Pavlovsky observatory, the, v. 390 and note  
 Pavlov, Mount, Alaska, eruption of, ix. 279  
 Payer, Capt., i. 32, 35, v. 222, 225  
 Payne, E. J., Voyages of the Elizabethan Seamen to America, iii. 64 †  
 Payne, F. F., Eskimo of Hudson's Strait, xi. 189 †; Notes on the Eskimo of Cape Prince of Wales, xii. 707 †

- Payne, J. A., Lagos and West African Almanack, ix. 460 †
- Payton, E. W., Round about New Zealand, xi. 60 †
- Paz Soldan, M. F., Diccionario Geográfico Estadístico del Perú, i. 78 †; obituary of, ix. 386
- Pérez, the steamer for the Congo Mission, vi. 75, viii. 617, 627
- Peace or Beaver river, North America, v. 634, 642, 643
- Peace, Walter, Our Colony of Natal, v. 745 †
- Pearcock, D. R., Vocabularies of Five West Caucasian Languages, ix. 205 †; obituary of, xiv. 563
- Pearcock, Capt. G., the Guinea or Gold Coast of Africa, ii. 393 †; Notes on the Isthmus of Panama, i. 688 †
- Pearcocke, Major W., exploration in W. Africa, xii. 660
- Pearcocke, Capt., surveys for Afghan Boundary Commission, viii. 268
- Peal, S. E., journey from India to China by the Patkoi pass, iii. 492; on the Origin and Orthography of River-Names in Further India, xi. 90 \*
- Pearl-shell trade in Torres Straits, v. 506
- Pearson, C. W., expedition from Suez to Uganda, iv. 62
- Peary, Lieut., North Greenland expedition, results of, xiv. 697
- Pechora. See Petchora.
- Pechuel-Loesche, Herr, Die Loango-Expedition, 1873-76, iv. 324 †; on the geography of the Congo, etc., v. 586, 588
- Peck, Rev. E. J., journey across Labrador, ix. 192
- Pector, D., Vestiges laissés par les Populations Précolombiennes du Nicaragua, xi. 634 †
- Pedra Grande, South-West Africa, v. 460
- Peck, Othbert E., Across Iceland by the Sprengisandr Route, iv. 129 \*: visit to Queensland to view the transit of Venus and communication of longitudes, v. 488; on the hot springs of Iceland and New Zealand, v. 667; on the meteorology of Devonshire, vii. 248; Observations for 1887, x. 399 †
- Pehlevi Bundesh, on the Badghais, v. 15
- Pei-kiang river, Southern China, xiii. 257
- Peik-tu-San mountain, Korea, viii. 291, xiv. 141, 151, 153; Campbell's journey to, xiv. 150
- Peisen or Peishenga Fiord, Norway, ii. 275
- Pei-Shan mountains, viii. 779. See Pai-Shan, and Chang Pai Shan.
- Pei-tany or Chi-yün Ho river, China, v. 23
- Peisan range, Central Asia, xii. 77
- Peki district, viii. 256
- Peking, population of, ix. 57; Wade on, v. 454; road to, xii. 71, 72; Route from, to Kashgaria, Bell, xii. 57 \*: From, to Calais by land, De Windt, xi. 315 †
- Pelet, P. See Lebon.
- Pellow islands, viii. 558
- Pelicans, Isle of, West Africa, v. 698
- Pella, Schumacher, xi. 186 †
- Pellow, Thomas, of Penryn, Adventures of, xiii. 129 †
- Pelly, Gen. Sir Lewis, remarks at evening meetings, ii. 98, iv. 357; obituary of, xiv. 416
- Peloponnesus, settlement and commerce of, x. 801
- Pemba island, E. Africa, i. 646, vii. 240
- Pemberton, Capt. R. B., on Manipur, xiii. 293
- Pembina river, Athabascan, v. 635; valley of, Selwyn on depth of frozen soil in, viii. 745
- Penafiel, Dr. A., Nombres Geográficos de Mexico, viii. 407 †
- Penchot, M., on the massacre of the Crevaux Mission, iv. 566
- Penck, Dr. A., Die Vergletscherung der Deutschen Alpen, iv. 646 †; on the sea-level, v. 239; on Béarn and Upper Aragon, vi. 481; Geographische Abhandlungen, new serial, edited by, viii. 725; notices of the same †, ix. 129, 709, x. 319, 743; Papers on Physical Geography, ix. 632 †; Die Bildung der Durchbruchthäler, x. 608 †; Die Gletscher der Ostalpen, xi. 459 †; Die Uberschwemmungen des Jahres 1888, xi. 459 †; Ziele der Erdkunde in Oesterreich, xi. 459 †; Theorien über das Gleichgewicht der Erdkruste, xi. 463 †; on climatic variations, xiii. 50; proposed large map of the world, xiii. 558, xiv. 716, 717; Vom Dachsteinplateau, xiv. 866 †
- Penda-ma-tenka. See Panda.
- Pender, Capt. D., obituary of, xiii. 400
- Pendulum observations in Russia, summary of, Morgan, xiii. 168
- Pène-Stiepert, M., on the Tongking question, vii. 826
- Penguin islands, vi. 625
- Penguin, H.M.S., surveys on north-west coast of Australia, xiii. 298
- Peng-yang, Korea, vii. 242, xiv. 157
- Penjdeh, vii. 283, 285, 564, 589; caves and ruins at, De Laessle, vii. 583 \*
- Pennar river, viii. 694
- Pennazzi, Luigi, Spedizione dal Po al due Nili, iv. 577 †
- Pennefather, Capt. C., exploration of the east coast of the Gulf of Carpentaria, iii. 102, 228; Parker and Bayley Points in the same (map), iii. 444; plan of Batavia river, iii. 255
- Pennesi, G., Pietro Della Valle e i suoi Viaggi, xiii. 742 †
- Penning, W. H., Guide to the Gold Fields of South Africa, v. 498 †; on the geological formation of the Kaap valley, x. 441
- Pennsylvania, Climatology of, xi. 753 †; Rand, McNally & Co.'s map of, iv. 188, xii. 578
- Penny, Rev. A., Ten Years in Melanesia, ix. 523 †

- Penrose, Mr., expedition in Central Africa, i. 208
- Penungh, North Borneo, x. 6, 7
- Pepohans of Formosa, xi. 230
- Peragallo, P. L., *L'Autenticità delle Historie di Fernando Colombo*, vii. 129 †; Cristoforo Colombo e la sua Famiglia, xi. 576 †
- Perak—**  
 Exploration in, i. 717; east of the Perak river, Leech, ii. 634  
 Map of, Lefroy, xiv. 733  
 Mines of the State of, De la Croix, v. 381 †  
 Notes on, viii. 538  
 Province and river, iv. 402, 403, 408  
 Survey of, Deane, ii. 438  
 Work on, St. Pol-Lias, v. 305 †
- Peralta, M. de, Costa Rica, Nicaragua, y Panama en el Siglo XVI., vi. 172 †; inedited documents relating to Sir Francis Drake, v. 407; El Canal de Nicaragua en 1620 y en 1887, x. 315 †
- Percival, W. S., the Land of the Dragon, xi. 512 †
- Percy, A. H., tide charts of the English and British Channels and entrance of the Thames, xiii. 511
- Pereira, Ricardo S., the United States of Colombia, v. 306 †
- Pereiras, Portuguese explorers, viii. 511, 512
- Perené river, Peru, xiv. 386, 387
- Pérez, L., *Geografía General del Nuevo Mundo*, xi. 189 †
- Pergamos, Acropolis of, Mr. Humann's discovery of the, iv. 568
- Perier, Capt., on connection of African survey with the Hispano-European network, i. 806
- Perim, Island of, occupation of, vi. 629, vii. 106
- Periplus of the Erythrean sea, xiii. 517
- Perkins, H. T., Notes on a Journey to Mount Roraima, vii. 522 †; remarks on Im Thurn's paper, xiv. 687
- Perles, *Reisekarte der oesterreichisch-ungarischen Monarchie*, ii. 396
- Pernambuco, temperature of, viii. 363; trade and agriculture in, x. 535
- Perongia mountain, New Zealand, vii. 202
- Peroz, Capt. E., Survey of Milo and Bure valleys, x. 379; Au Soudan Français, xi. 513 †
- Perret, P., *Les Pyrénées Françaises* †, iii. 574, iv. 573, vi. 607
- Perrier, Gen., explorations in Tunis, iii. 566; on maps of Algeria, vi. 293; on artesian wells and oases in Ued Rir, ix. 254
- Perrin, Col., on the pass of Hannibal, viii. 641, 642; *Guide du Haut-Dauphiné* (in part), ix. 710 †
- Perrin's Kafir-English Dictionary, i. 204
- Perrott, Major Sir H., on Houghton, the African Explorer, ix. 693
- Perry, O. L., on Mr. Sharpe's journeys in the Zambesi region, xii. 751
- Perry, Rev. S. J., on Noss-vey and the South-West of Madagascar, v. 674
- Persano, E., *Guida per i Sorgitori della Costa Occidentale d'Italia*, ii. 521 †
- Persarum et Macedonum Imperia, map of, Kiepert, xi. 491
- Pers-polis range, Persia, v. 143
- Persia—**  
 And the Persian Question, Curzon, xiv. 658 †  
 And the Persians, Benjamin, ix. 205 †  
 An European in, Sérén, iii. 442 †  
 As it is, Wills, ix. 131 †  
 Boundary between Russia and, Journeys on the, Ralphe, viii. 534 †; the new, iv. 213  
 Central, various means of Communication with the Sea, Bateman-Champain, v. 121 \*  
 Commerce of, Stolze and Andreas, vii. 404 †  
 Desert of, Journey Across the Western portion of, Biddulph, xiii. 645 \*  
 Early Adventures in, Layard, x. 178 †  
 Eastern, Vaughan's Journey in, Goldsmid on, xii. 577 \*  
 Eastern Border of, Stewart on, viii. 137 \*  
 Embassy from, to Khiva, Riza Gouly Khan's, Schefer, i. 810 †  
 Explorations in, i. 332, xii. 380, xiii. 386  
 Geographical knowledge of, progress of, since 1830, iii. 618  
 Geological formation of mountains of, v. 149  
 Journeys in, Mrs. Bishop, xiv. 258 †; from Mohammera to Ispahan, Mackenzie, iv. 132  
 Maps of,—general staff, Caucasian Army, iv. 450; R.G.S., memorandum on, with lists of maps used, Curzon, xiv. 69, *et seq.*  
 Northern, Route Surveys in, 1881-82, Lovett, v. 57 †; Russian merchants in, v. 171  
 North-West, Journey in, Rees, viii. 394 †  
 Population of, vii. 460  
 Railway projects in, and their difficulties, xiv. 660  
 Roads from, to the Merv country, iii. 542  
 Shah of, on the New Lake between Kom and Teheran, transl. Houtum-Schindler, x. 624 \*  
 Six Months in, Stack, iv. 646 †  
 Southern, English trade in, v. 134; mountain range of, xii. 534, *et seq.*; Surveying Tours in, Wells, v. 188 \*; through, Babin and Houssay, xiv. 723  
 South-West, Commercial Geography of, Curzon, xii. 509 †; journeys in, Baring and Wells, v. 128, 129; variability of temperature of, v. 156  
 Telegraph line through, to Kurrachee, v. 138

**Persia—continued—**

Trade of, Abbot's report on, xi. 404;  
trade routes of, Law on, xi. 242; *id.*,  
Trautenberg and Von Rausch, xii.  
572 †; between North and South, v.  
130, 131; between India and, xiv. 123  
Travels in, Chardin, xiii. 243 †  
Work on, Bassett, viii. 798 †

Persian Farsakh, Length of, Houtum-  
Schindler, x. 584 \*

Persian Gulf, Lieut.-Col. Ross's report on,  
ii. 635; trade in the, v. 135; *id.*, and  
harbours, xi. 512 †

Perspective and common maps, Clayden  
on, x. 668

Perthes centenary, vii. 672; map of Africa,  
vii. 837; *id.*, spelling of names in, xiv.  
776

Perthes, Justus, *Elementar Atlas*, etc., vii.  
496

**Peru—**

Amazon Provinces of, for European  
Emigration, Guillaume, x. 178 †

Archæological and Ethnographical  
Studies in, Wiener, ii. 142 †

Atlas, geographical, of, ix. 790

Auriferous deposits of, Mansfield on,  
xii. 424

Coast Geography of, Gormaz, i. 812 †

Dictionary, Geographical, of, Paz Soldan,  
i. 78 †

Efforts for the opening up of, xiv. 392

Explorations in—xii. 382; Guillaume,  
xi. 694; Hettner, xii. 291, xiii. 47;

James, ix. 505 \*; Ross (Ucayale), xiv.  
382 \*

From Peru to the Plate, Overland,  
Evans, xi. 752 †

Geographical Society of, new, x. 384;  
progress of, xiv. 50

Littoral Provinces of, Notes on, Vidal-  
Gormaz, iii. 116 †

Map of, Raimondi, xiii. 697, xiv. 67

Meteorology and Climate of, Carranza,  
xiv. 504 †

Railways in, xiv. 562

Rainfall on coast of, xiv. 394; rainy  
period in Southern, Douglas on, xiv.  
861

Researches in, Raimondi, xii. 763

Route from, to the Amazons, Ordinaire's  
new, x. 650

Sugar cultivation in, xiv. 394

Varías Relaciones del, etc., i. 742 †

Visit to, Ellis, xii. 227, 228

Works on, Markham, ii. 710 †; Rai-  
mondi, v. 306 †

Perucca, A., In Birmania, viii. 601 †

Peruvian bark, Markham, iii. 62 †

Peruvians at Home, Cole, vii. 56 †

Pescadores islands, vii. 4, 400

Peschel, O., *Physische Erdkunde*, i. 409 †;

*Europäische Staatenkunde*, etc., ii.  
324, vii. 696; *Abhandlungen zur Erd-  
und Völkerkunde*, vii. 696 †

Pet and Jackman, Capts., Arctic expe-  
dition of, ii. 5

Pet (Jugor) Strait, i. 21 *note*

Petchikapore, Lake, Labrador, x. 199

Petchora, region of the, journeys in,  
Ivanitzky, v. 391; Rabot, xiii. 36; Visit  
to the (Siberia in Europe), Seeborn, ii.  
780 †

Petchora Sea, ice in the, v. 661, 662

Peten, Lake of, Guatemala, v. 191

Petermann, Dr. A., obituary of, i. 133;  
*Wandkarte von Deutschland*, ii. 272, v.  
183

Petermann's Geographische Mittheilun-  
gen, change of editorship and scheme  
of, vi. 665; index to, ix. 62

Peters, Dr., founding of East African  
Company by, ix. 490, 491; journey in  
East Africa, xii. 135, 699; Reise in  
Ostafrika (map), xii. 710; Stanley and  
Emin Pasha, xiii. 54 †; New Light on  
Dark Africa, etc., xiii. 506 †

Petersen, Carl, obituary of, ii. 514

Petershöhe, E. Africa, ix. 493

Petherick, E. A., Catalogue of the York  
Gate Library, ix. 134 †

Petherick, John, obituary, iv. 700; his  
position of Khartum and Gondokoro,  
xi. 643

Petit, M. L., journey on the Congo, iv.  
508; on the river Chiloango, West  
Africa, v. 175

Petitot, E., discoveries in N. America, ii.  
578; Back prize awarded to, v. 297, 361,  
422; on the Athabasca District, v. 633;

Les Grands Esquimaux, ix. 650 †; En  
Route pour la Mer Glaciale, x. 179 †;

Traditions Indiennes du Canada Nord-  
Ouest (1862–82), x. 743 †

Petrelins, A., *Die Kartographischen Ar-  
beiten der Expedition vom 1891 nach  
der Halbinsel Kola*, xiv. 866 †

Petri, Dr. Z. Y., on the aims and scope  
of geography, x. 180

Petrie, W. F., Wind-action in Egypt, xi.  
646 \*; Tel el Hesi, xiv. 132 †

Petroff, Ivan, map of Alaska, iv. 711;  
on Nelson's journey in Alaska, iv. 660;

Report on the Population, etc., of Alaska,  
vii. 693 †

Petroleum, Deposits on the Red Sea,  
Ardagh, viii. 502 \*; in the Trans-  
Caspian region, viii. 149, 150; of the  
Future, Marvin, vi. 100 †

Petrovsky, M., xiv. 228

Petrusévitch, Col., on the old channels of  
the Oxus, i. 403

Petteh, Mount, Niger basin, xiii. 542

Pettors, H., *Karte vom Kaisergebirge in  
Tirol*, ii. 591; *Karte der Alpen vom  
Bodensee bis Wien und Triest*, iv.  
579

Petterson, Dr. Karl, on the weather in the  
Arctic seas, ix. 683

Petterson, Prof., on the hydrography of  
the Kattegat and Baltic, xiv. 627

Peulhs, the, De Crozals, v. 371 †

Peutinger'sche Tafel, Weltkarte des Cas-  
torius genannt die, x. 183

- Pevtzof, Colonel, Expedition in North-Western Mongolia, Morgan on, i. 701; in Central Asia, xi. 170, 563, xii. 98, 379, xiii. 36, 180, 383, xiv. 801; Roborovsky's Letters on, xii. 19\*, 161\*; Account of, transl. Morgan, xiii. 99\*
- Peyret, Alejo, Cartas sobre Misiones, viii. 603†
- Pezet, Señor, on exploration in Peru, xiv. 392
- Pluff, F., Der Mechanismus der Gebirgsbildung, ii. 74†
- Pfeil, L., Kometische Strömungen auf der Erdoberfläche, i. 744†
- Pfeil, Count, journeys in E. Africa, ix. 47, 340, x. 94; treaties in the same, ix. 492; explorations in New Guinea, x. 591, xi. 412; on the Bismarck Archipelago, xii. 238
- Phalangis, ancient town of Africa, xiii. 528; distance from Rhaptum to, xiii. 546
- Phalut, position of, viii. 186 note
- Pharaohs, Fellahs, and Explorers, Edwards, xiv. 661†
- Phayre, Lieut.-Gen. Sir A., receives medal for Mr. Colquhoun, vi. 416; death of, viii. 52; obituary of, vi. 103
- Philips, E. G., receives medal for Major Greely, viii. 466
- Phené, Dr. J. S., on Cyprus, i. 105; examination of the Balearic islands, ii. 653; on changes in coast-lines, xiii. 630
- Philibert, General, La Conquête pacifique de l'Intérieur Africain, xi. 514†
- Philip, G., handy-volume atlas of the world, iv. 466; maps by, Derbyshire, iii. 117, London and environs. x. 400, Middlesex, iii. 117; revolving planisphere, ix. 68; Orrery, xiii. 640
- Philipof, N. M., memoirs of the Russian Geographical Society, xiii. 130
- Philippi, Dr. R. A., on changes in the flora of Chili, viii. 786
- Philippine islands, explorations in, Miklukho-Maclay, iv. 770; Montano and Rey, iii. 184, 760; Historical, etc., Sketch of, Foreman, xiii. 691†; map of, vii. 775; Negritos of the, v. 46; Spanish Language in, Vocabulary of, Blumenritt, iv. 574†; voyage to, Montano, viii. 62†
- Philippson, Dr., Studien über Wasser-Schillen, ix. 61†; on the settlement and commerce of the Morea, x. 801, 802
- Philipp-Wolley, Olive, Sport in the Crimea and Caucasus, iv. 119†; Savage Svänetia, vi. 100†; on the fauna of the Caucasus, vii. 601 note; a Sportsman's Eden, xi. 59†
- Phillips, G., on Mashona and Matabelé Lands, xiii. 20; on the ruins in Mashona Land, xiii. 105
- Phillips, Professor, on the geological formation of the Kaap Valley, x. 442
- Philp river, New Guinea, ix. 598
- Phipson-Wybrants, Capt., expedition to Umzila's country, ii. 627, iii. 221, 305; survey of the Sabi river, v. 271; illness and death of, v. 274; obituary of, iii. 238
- Phœnicia, History of, Rawlinson, xii. 182
- Phœnician ruins in Africa, xiii. 19
- Phœnicians in the Mediterranean, xii. 626
- Phœnicopterus roseus, Savah lake, x. 631 and note
- Photography and Exploration, Thomson, xiii. 669\*; as a means of surveying, Tanner, xiv. 714; (celestial) as a handmaid to geography, Schlichter, xiv. 714
- Phou'ons, country of the, Indo-China, vi. 350
- Phu, or Thank-moi, town, viii. 241
- Phu-lang-thuong, China, xii. 249
- Phylawar-Sham plain, i. 56
- Phyöng-kang district, Corea, gold-washings of, vii. 608; fields of lava in, viii. 305
- Phyöng-yang, town of, viii. 299, 300
- Physical geography. See Geography.
- Physical Observatory, Annals of the Central, edit. Wild, viii. 274†
- Physiography, illustrations, Johnston's standard series, vi. 364; Manual of, Harrison, i. 814†; Outlines of, Lockyer, ix. 720†; Text-book of, Hall, xi. 192†; (Elementary), Thornton, x. 255†; (Advanced), Thornton, xii. 365†
- Piaceenza, province of, topographical map of, xi. 521
- Piassetsky, M., on China and its inhabitants, iii. 57; Voyage à travers la Mongolie et la Chine†, vi. 54, Engl. transl., vi. 425
- Piat, A., Projet de création d'un Port de Guerre à Cabourg, ix. 517†
- Pica Quebrada, Bolivia, iv. 675
- Pich river, Hindu Kush, i. 113
- Pichan, Turkistan, x. 499, xiii. 210
- Pichard, M., bequest to Paris Geographical Society, vii. 550
- Pichincha mountain, xiv. 128
- Pichio river, Peru, ix. 607
- Pichu-pichu, Mount, xii. 229, xiii. 48
- Pickersgill, Mr., on Sibree's paper on Madagascar, xiv. 751
- Picquicé, A., on the population of Cape Verd islands, iv. 231
- Pictet, M., on the earliest Indo-European races, vi. 164, 165
- Pictou island, Mackay, xiv. 728†
- Pied, Rev. —, De Porto-Novo à Oyo, xiv. 727†
- Piedmont glacier, Alaska, xiii. 83
- Pierce, Josiah, on the United States geographical and geological survey, ix. 704; on the Plane Table for Topographical Surveying, x. 608†
- Pierrepont, Ed., Fifth Avenue to Alaska, vi. 426†
- Pietri, M., map of the Upper Senegal and Niger, iv. 520
- Pievzov, Col. See Pevtzof.

- Pigafetta, F., report of the kingdom of Congo, etc., transl. Hutchinson, iii. 247; Le Congo, vi. 171 †
- Pigeonneau et Drivet, France physique et politique (map), i. 154
- Pignics of Central Africa, xii. 317
- Pigot, visit of the, to Christmas island, x. 614
- Pigott, J., journey to the Upper Tana, xii. 129 †, xiv. 531; explorations in East Africa, xii. 377
- Pigott, D., on Mr. J. Pigott's journey, xii. 136
- Pike, W., the Barren Grounds of Northern Canada, xiv. 661 †
- Pilcher, W., Spanish Honduras, xii. 699
- Pilcomayo river, iii. 407, vi. 161, 231, 347, viii. 337, xi. 131, 133, xii. 672; expeditions to—Argentine Government, vii. 399; Crevaux, iv. 239, 243, 563; Fernandez, ix. 581; Marguin, v. 496; Page, xii. 618, xiii. 39; Storm, xiii. 39; Thouar, viii. 101, 526, x. 597, 598
- Pilling, J. C., Bibliographies of the Eskimo and Siouan Languages, x. 478 †; of the Muskogean and Iroquoian, xii. 707 †; of the Algonquian, xiv. 573 †
- Pilot, Rev. W., Geography of Newfoundland, xiv. 63 †
- Piltan lake, and Plain of Stone, ix. 562
- Piltara tribe, Australia, xi. 670
- Pim, Capt. Bedford, obituary of, viii. 725
- Pina, A. de, Deux Ans dans le Pays des Épiques, ii. 201 †
- Pinart, M. Alfr., expeditions in Central America, iii. 758, 759, iv. 385, vii. 396; on the State of Panama, ix. 54
- Pinarus, identification of the, with the Piyas, Wilson, vi. 320, 540; Ainsworth on, vi. 468
- Pinda mountains, Central Africa, xii. 718
- Ping-yang-fu, xii. 61
- Piñi-piñi river, Bolivia, v. 318
- Piukas, J., Report on Railway Survey between the Madeira and Mamore, viii. 345 †
- Pinkerton, Mr., expedition in Central Africa, ii. 765
- Pin-lang-kianz river, vii. 308
- Pinto, Major Serpa, Journey Across Africa, i. 272, 383, 481 †, ii. 409; on the tribes of Africa, i. 686; the basin of the Upper Zambezi, i. 683; How I crossed Africa, iii. 319 †; expedition into Central Africa from Mozambique, vii. 44, 119, 337, viii. 127, 722; O'Neill on the same, vi. 744; journey up the Zambesi, xii. 714
- Pinzon and Solis, voyage of, to America, xiv. 610, 612
- Pioneer peak, Himalayas, xiv. 704
- Piper, Count, receives medal for Lieut. Palander, ii. 448
- Pir Girdu Kuh mountain, Northern Persia, v. 77
- Pir Panjal-Dhaoladhar ridge, Himalayas, v. 616
- Piracicaba town and river, San Paulo, ix. 109, 110
- Pirapora, temperature at, viii. 363
- Pirara river, British Guiana, ii. 484
- Pisani, Mount, geological map of, xii. 506
- Pishin, and the Routes between India and Candahar, Biddulph, ii. 212 †; Tal-Chotiali route from India to, Vyse on, ii. 318; valley, ii. 538, 539; Gore on, i. 728
- Pishirt, Persia, v. 72
- Pisogo hill, Colombia, v. 262
- Piteairn, W. D., Two Years among the Savages of New Guinea, xiii. 637 †
- Piteairn island, the People, etc., of, Murray, vii. 832 †
- Pitman, C. B., Across Thibet, translated by, xiv. 194 †
- Pittier, M. H., explorations in Costa Rica, xiii. 300, 301; on the climate of Costa Rica, xii. 565; Viaje de Exploracion al Valle del Rio Grande de Terraba, xiv. 342 †
- Pium, fly. See Kaboora.
- Pium, cotton district of, Peru, xiv. 393
- Piyas river, vi. 320, 468, 540
- Place-names, Burgess on, xiv. 712
- Plagemann, Dr. A., explorations in the valley of the Cachapual, ix. 248
- Planisphere, Philip's revolving, ix. 68
- Plankton expedition, German, results of the, xii. 115
- Plantamour, E., Nivellement de Précision de la Suisse, ii. 635 †
- Plant-dispersal, the Thames as an agent in, Guppy, xiv. 798
- Plantel, E., Correspondance des Deys d'Alger avec la Cour de la France, 1578-1833, xii. 301 †
- Plata, La, Statistics, etc., of, Coni, viii. 407 †; History of the Provinces of, Gozman (1612), viii. 211 †
- Plata, Rio de la, or Plate River, and Chili in 1891, Morant, xiii. 740 †; basin of the, viii. 360; Conquest of the, 1535-1555, xiii. 186 †; Handbook of the, Mulhall, vii. 488 †
- Playfair, G. M. H., Cities and Towns of China, ii. 589 †
- Playfair, Sir Lambert, on changes in Tunis and its condition since the French Protectorate, vii. 750, x. 719; Handbook to the Mediterranean †, iii. 501, v. 182; Visit to the Id. of Jerba in the Syrtis Minor, viii. 396; Tour in Tunisia in 1885, viii. 522; the Scourge of Christendom, viii. 674 †; journey in Western Algeria, viii. 733; handbook to Algeria and Tunis, ix. 206; information on Algeria, x. 166; report on the commerce of Algeria, x. 305; on the commercial Future of East Africa, x. 731
- Plechawski, E., Eisenbahn- und Weltzeitkarte Mittel-Europas's, vii. 773
- Pleigneur, Capt., death of, ix. 775
- Plenty creek, Central Australia, i. 335
- Pliny, on the River Mand, v. 715



- Plowden, Mr., on desirability of a railway between Bagdad and Khanakin, v. 124; on Massowah, vii. 98
- Plunkett, Major G. T., Vocabulary of English-Arabic, viii. 747 †
- Plymouth Armada Heroes: the Hawkins Family, M. S. Hawkins, xi. 115 †
- Plymouth, navigation schools at, iv. 307
- Plymouth rock, new mission station on Tanganyika, ii. 248, v. 165
- Po-ch'en, Korea, xiv. 152
- Podene island, vii. 173 *note*
- Podgaetsky, L. I., on the Murman coast of Lapland, xiii. 187
- Poeston, J. C., Iceland, vii. 765 †
- Pogge, Dr., Im Reiche des Munda Janwo, ii. 140 †; expedition (with Wissmann) in West Central Africa, iii. 311, 372, iv. 107, 572, 683, v. 163, 381; Scientific Results of the same, vi. 88 †; his death, vi. 285, 342
- Pogoung-toung mountain, iv. 322
- Pohl and Widimsky, Eisenbahn-Karte d. oestlichen Europa, iii. 697
- Pohle, H., Itinerar und Trigonometrische Aufnahmen in Lüderitzland (map), viii. 608
- Poinsot, M. Julien, map of a reconnaissance in Central Tunis, v. 686
- Point Barrow, meteorological station at, iv. 570
- Poiré, E., La Tunisie Française, xiv. 342 †
- Poirier, Leon, bequest to Paris Geographical Society, iv. 765, vi. 478, ix. 54
- Pojicha Indians, Brazil, x. 69
- Pokomo tribe, W. Africa, xiv. 516
- Po-kyei-san mountains, Corea, vii. 609
- Pola, its past, present, and future, ix. 712
- Pola, voyages of the, to Jan Mayen, iv. 423, 689, v. 486, 554; deep sea explorations of, in the Mediterranean, xiv. 121
- Polak, J. E., Persien, Das Land und Seine Bewohner, xiii. 244 †
- Polak, R., explorations of the affluents of the Rio Purús, ii. 369, 570
- Polakowsky, Dr. H., Die Neuesten Reisen zur Durchforschung von Costa Rica, vii. 488; Entdeckung und Eroberung von Chile, viii. 346 †; on the Cunos, or Tull Indians of Darien, viii. 723; Prof. Pittier's Forschungsreise durch S.W. Costarica, xiv. 729 †
- Polaud, Reymann's map of, v. 683
- Polat. *See also* Arctic, Antarctic, and North Pole.
- Conference, International, at Hamburg, 1879, i. 738; at Berne, 1880, ii. 638; at St. Petersburg, 1881, iii. 635
- Current off East Greenland, saltiness, etc., of, vi. 572
- Discovery, route for future, i. 31
- Expedition, Nansen's proposed, xii. 177, 306 †, 467, 566
- Ice, formation of, viii. 163; metamorphosis of, Weyprecht, i. 153 †; movement of, viii. 173; phenomena of, Weyprecht, i. 539 †
- Polar—continued—
- Meteorological expeditions and stations, ii. 363, 388, iv. 333, 570, v. 377, 378; Austrian, iv. 234, 292, 423, 499, 607, 689, v. 378, 486, 554; British, iv. 293, v. 378; Danish, iv. 232, 233, v. 166, 603; Dutch, iv. 233, 499, 549, v. 166, 176, 378, 486, 556, 603; Finnish, vi. 581; German, iv. 234, 293, 569, v. 378, 555; Norwegian, iv. 549, v. 378; Russian, iii. 113, iv. 91, 232, v. 231, 378, 390, 406; Swedish, iv. 293, 499, 549, 608, 753, v. 378, 486, 554; United States, iii. 484, 735, iv. 232, 608, 609, v. 378, 602; observations of the same †, ix. 263, 522, x. 110, xi. 319, 514; at Fort Rae, viii. 749 †
- Question, the, Danenhower, viii. 346 †
- Regions, climate of, in former ages, Hooker, i. 68; depth of permanently frozen soil in, ii. 579, Brit. Ass. Committee on, vii. 674, reports of the same, Lefroy, viii. 740 †, ix. 769 †; north, map of, v. 183; population and area of, xiii. 28, 689; Russian, map of, ix. 137
- Stars, Catalogue of 130, for the Epoch of 1875–80, Rogers and Winlock, ix. 525 †
- Pole, North Magnetic, Expedition to, xiv. 729 †
- Poliakof, J. S., expedition to Saghalien island, iii. 490, iv. 109, 610; reports on China, vi. 477; Journey through Saghalien, vii. 53 †
- Poliakovsky, M., work in the Trans-Ussurian province, xi. 312
- Pollen, Lieut., surveys in Upper Burma, xii. 386
- Polo, Marco, on Madagascar, i. 647; on the Lolo people, etc., v. 447; road from Kármán to Ka n, viii. 144
- Polochie, Rio, Guatemala, v. 189
- Poltoratski, M., Russian geographical work of, ix. 423
- Polu, road from, to Rudokh, ix. 732
- Polynesia, Dialects of, Malay, etc., compared, Pratt, ix. 522 †; Dutch possessions in, map of, Hasenstein, vii. 414; Finckh's explorations in, iii. 180; Flora of, del Castillo on, xii. 297; Western, Cruises in, 1882–84, Bridge, viii. 545 †
- Polynesians, the, Their Origin, etc., Lesson, ii. 142, vi. 484 †; in New Guinea, vi. 209, 210
- Pomerania, New Geographical Society in, iv. 244
- Pomerun river, Guiana, xiv. 669, 670
- Pomoi river, Central Africa, xii. 152
- Ponapi or Ascension island, Carolines, iv. 93, viii. 558; prehistoric structures at, vii. 385
- Pond, Peter, explorer of Lake Athabasca, v. 648
- Pondoland, Précis of information on, viii. 406 †
- Poncl, M. E., journeys in the Congo basin, ix. 514, xiii. 561

Ponghou harbour, Pescadores islands, vii. 4  
 Pongola river, Zululand, i. 326  
 Ponta da Lenha settlement, West Africa, v. 697, 704  
 Ponta-Negra, West Africa, v. 361  
 Pontine marshes, drainage of the, Von Donat on, xiv. 421  
 Pontoise, from, to Stamboul, About, vi. 168 †  
 Poole, G. P., on Klerksdorp Goldfields, xii. 355  
 Poopo, Lake, Bolivia, iv. 648, 672  
 Pooree, town of, viii. 688  
 Popelin, Capt., death of, iii. 758  
 Popo, Little, W. Africa, vii. 377  
 Popocatepetl peak, ascent of, Packard, viii. 335; height of, xii. 754  
 Popoff, C., What I Believe, Tolstoi, translated by, viii. 605 †  
 Popoloco tribe, Vera Cruz, ix. 568, 570  
 Popos, or Egun tribe, W. Africa, xii. 600  
 Population, centre of, in the United States, xiii. 230; distribution of, in the same, Gannett, xiii. 230, 612; of the earth, Levasseur on, ix. 763  
 Porce river, valley of the, Colombia, v. 250, 254  
 Porcher, Capt., obituary of, i. 367  
 Porcupine, H.M.S., survey work of, i. 369, iv. 551  
 Porphyry quarries of Egypt, visit to the ancient, Brindley, ix. 692  
 Port Hamilton, annexation of, vii. 340  
 Port Lloyd, Bonin islands, xiii. 371  
 Port Moresby, New Guinea, ii. 608  
 Port Philip, Victoria, Historical records of, Shillinglaw, i. 479 †  
 Portal, G. H., My Mission to Abyssinia, xiv. 132 †; report on the industrial capabilities of Zanzibar island, xiv. 240  
 Porter, Gannett, and Jones, Messrs., the West: from the Census of 1880, iv. 325 †  
 Portland islands, Mr. Brown's visit to, iii. 219  
 Portman, M. V., manual of the Andamanese languages, x. 176; the Exploration and Survey of the Little Andamans, x. 567  
 Porto-Novo à Oyo, Pied, xiv. 727  
 Porto Rico, topographical map of, ix. 65  
 Portugal, geographical education in, de Mello on, x. 651; Government map of, x. 745; Journey through, Müller-Beeck, vi. 98 †; Old and New, Crawford, ii. 458 †; Round the calendar in, *id.*, xiii. 52 †; the Armed Strength of, Gleichen, x. 538 †  
**Portuguese—**  
 Charts, xii. 192, 576, 776, xiii. 575, xiv. 67  
 Colonies, condition, etc., of, De Bulhões, i. 151 †; History of Journalism in, viii. 409 †  
 Discoveries, etc., early, x. 208, 209; in 15th and 16th centuries, De Betten-court, v. 434, xii. 362; in Madagascar, i. 650

**Portuguese—continued—**

Embassy to Abyssinia, 1520–27, Alvarez, iii. 763 †  
 Expeditions—in Africa, i. 130, 272, 330, 360, ii. 41, 587, 647, iv. 500, v. 33, 381, 405, vi. 464, vii. 44, 119, 337, viii. 329, 507 \*, 722, (to Mpesene, Wiese), xiv. 808 †, (to Muata Yanvo, Marques), xi. 574 †; to Arctic Regions, vii. 542  
 Explorations in Africa, recent, Batalha-Reis, xi. 686  
 Possessions in Africa, xii. 656, 657; on the Congo, vii. 220; new frontier between the Transvaal and, Jeppe on, xiv. 633  
 Posen, wall map of the province of, x. 113  
 Posewitz, Dr. S., Karte der Alluvial-Bildungen in Banca, viii. 608; Borneo: Entdeckungsreisen und Untersuchungen, xi. 512 †  
 Possession bay, Hayter island, v. 508  
 Post, Prof., G. E., the Chains of Cassius and Amans, viii. 94 \*  
 Potagos, Dr. P., journeys of, in Asia and Africa, ii. 386  
 Potanin, M., expedition to the Yenisei, i. 342; in Central Asia and China, ii. 779, v. 430, vi. 163, viii. 401, ix. 54, 233 \*, 424, 442; Otcherki Sévero-Zapadnoi Mongolii, iv. 119 †; Travels in Mongolia, vii. 830 †  
 Potaro river, portages on the, vii. 498  
 Potel, M. A., on the basin of the La Plata, etc., vii. 396  
 Poti, English trade through, to Baku and Persia, v. 135, 136  
 Potiche, Vicomte de, La Baie du Mont Saint-Michel et ses approches, xiv. 806 †  
 Potoso tribe, viii. 250  
 Potsdam, map of the district of, ix. 327  
 Pouchet, Professor G., En Islande, xiv. 866 †  
 Pounbyin village, Upper Burma, xi. 208  
 Pourtales, M. de, on the volcanic eruption of Krakatau, vi. 162  
 Poussé, Dr. E., Manuel de Conversation en Trente Langues, xiv. 198 †  
 Pouyanne, J., Note sur l'établissement de la Carte entre le Touat et Timbouktou, vi. 356 †  
 Povindah tribe, i. 53  
 Powell, G. H., murder of, in Burma, x. 591  
 Powell, Major J. W., Reports of the U. S. Bureau of Ethnology †, vii. 694, viii. 537, xiii. 306; of the Geological Survey †, viii. 537, xii. 707, xiii. 307, xiv. 342; on forest growth on arid lands, x. 793  
 Powell, Wilfred, explorations in New Britain, etc., ii. 645; on New Guinea and neighbouring Islands, iii. 84 \*; Wanderings in a Wild Country, v. 433 †; Visits to the Eastern and North-Eastern Coasts of New Guinea, v. 384, 505 \*; new expedition to the same, vi. 36, 219

- Practical Astronomy, etc., instruction supplied in, Markham on, iv. 296\*
- Prague, plan of, and environs, Hurtig, ix. 592
- Prah river, Gold Coast, v. 38
- Prahsue, sketch-maps of, and routes to, by Intelligence Branch, War Office, iv. 254
- Prairie hills, Selkirk range, xi. 159, xiii. 554
- Prairies, Treelessness of, Christy on, xiv. 78\*; Whitney on, xiv. 81
- Prallert, Herr Emil, on Dr. Fischer's expedition, v. 478
- Prasum, Cape, E. Africa, vii. 442; Ptolemy's position of, xiii. 545
- Pratapaditya, Raja in Bengal, viii. 284
- Pratt, Archdeacon, on the Himalayan attraction, vii. 686, 687
- Pratt, A. E., explorations of the Tibetan borderland of China, xiii. 171, 329\*, 385; award of Gill memorial to, xiii. 295; to the Snows of Tibet through China, xiv. 425†; projected expedition across South America, xiv. 326
- Pratt, Rev. G., Polynesian, Malay, etc., Dialects, compared, ix. 522†
- Preece, J. R., journey from Shiraz to Jask, vii. 126
- Prejevalsky, General, From Kuldja to Lob Nor, i. 147†; Patron's medal awarded to, i. 399, 466; third journey in Central Asia, i. 124, 208, 384, 715, ii. 312, 408, 566, 697, iii. 390, (referred to), vii. 81, 688; his description of the Gobi, iv. 638; work on his expeditions, iii. 179; on his Third Journey†, v. 431, 495, German transl., vi. 752†; work and journeys of, v. 43; Vega medal conferred on, vi. 352; fourth journey, v. 175, 552, vi. 163, 290, 371, 477, 592, vii. 167, 169, 383, 807, viii. 28, 424; on gold in Tibet, vii. 544; promotion of, viii. 339; publication of results of recent journeys, ix. 50; his Journeys and Discoveries, Morgan on, ix. 213\*; From Kischta to the Sources of the Yellow River, etc., x. 738†; new expedition, x. 378, 711; his death, x. 800; obituary, xi. 44; Biographical Sketch of, Dubrovin, xii. 363†; on commercial enterprise in E. Turkistan, xii. 93; scientific results of his travels, Maximovitz, xii. 571†
- Prendergast, Colonel, exploration of the Tal-Chotiali route between India and Candahar, i. 334
- Preston, E. D., Determination of Latitude, etc., for the Hawaiian Government, xiv. 576†
- Pretoria, map of the Goldfields of, Tröye, x. 114
- Price, J. M., from the Arctic Ocean to the Yellow Sea, xiv. 426†
- Price, W. S., my Third Campaign in East Africa, xiii. 184\*
- Prida y Arteaga, F. de, Le Mexique tel qu'il est aujourd'hui, xiv. 874†
- Prieto, Cape, latitude of, xii. 415
- Prime meridian, the, Colonel Holdich on, xiii. 615
- Prince William Sound, Alaska, ix. 277
- Princes, Islands of the, Schlumberger, vi. 635†
- Prince's river, sketch survey of, Cameron, iv. 501
- Principe, map of the island of, ix. 211
- Pringle, Capt., on Lugard's journey to Uganda, xiv. 840
- Pringle, M.A., Towards the Mountains of the Moon, vi. 357†
- Prinsep, V. C., Imperial India, i. 344†
- Procopius, on the Buildings of Justinian, transl. Stewart, ix. 323†
- Prontschicheff, Lieut., Arctic Expedition of, i. 19
- Proscholdt, Dr. H., Der Thüringer Wald und seine nächste Umgebung, xiii. 302†
- Proskowetz, Dr., Vom Newastrand nach Samarkand, xii. 52†; Eine Fahrt nach Russisch-Asien, xii. 571†
- Prospector's Handbook, Anderson, viii. 130†
- Prosser, W., general plan of gold and other farms in the district of Lydenburg, vi. 361
- Proteus, wreck of the, v. 602, 733
- Prout, Col. H. G., position of Khartum, xi. 643
- Providence island, Indian Ocean, visit of the *Alert* to, v. 596
- Pruen, S. T., the Arab and the African, xiii. 376†
- Prussia—**  
 Census of, 1885, preliminary results of, viii. 270  
 Geological maps of, iii. 251, v. 308, xii. 252  
 Hydrographic charts, iii. 446.  
 Maps of—vii. 778; Bamberg (school wall), xiv. 136; general staff (see also Germany), i. 746, ii. 74, 204; West, v. 115; Handtke, xi. 702  
 Prussian Geodetic Institute, Publications of the†, viii. 539, ix. 57, x. 47, 480  
 Pryer, W. B., explorations in North Borneo, iv. 116, v. 384, x. 140; notes on North-Eastern Borneo and the Sulu Islands, v. 99\*; on the trade and resources of British North Borneo, x. 797, xi. 376  
 Pshak-saide village, Central Asia, xii. 29  
*Pteris aquilina*, vii. 510, 512  
 Ptolemaic maps, Lake Moeris in, Whitehouse, xii. 684  
 Ptolemy, description of Eastern Equatorial Africa, transl. Schlichter, xiii. 541 et seq.; his Geography, reproduction of MS. on Mt. Athos, xiii. 189†; edition of 1597 added to R.G.S. library, xii. 186; his latitudes, xiii. 619; map of Italy, xiii. 621, 622; method of drawing maps, xiii. 520, 521; Topography of Eastern Equatorial Africa, Schlichter, xiii. 513\*

Publications of R.G.S., reports on, i. 463, ii. 442, iii. 428, iv. 428, v. 414, vi. 412, vii. 470, viii. 462, ix. 449, x. 462, xi. 446, xii. 483, xiii. 500, xiv. 482

Public Schools' Historical Atlas, edit. Colbeck, vii. 272

Public Schools prize medals, award of, i. 468, ii. 452, iii. 434, iv. 433, v. 422, vi. 418; discontinuance of, vi. 152, 419

Pucara, altitude of, Peru, xii. 229

Puchstein, O., and K. Humann, *Reisen in Kleinasien und Nord Syrien*, xii. 703†

Pueblo Viejo, Rio, Guatemala, v. 189

Pu-erh, tea of, Yunnan, iii. 565 *note*

Puget sound, British Columbia, xiii. 67, 69

Pugh's Almanac and Queensland Directory †, x. 479, xiii. 571

Pul-i-Dellak, Persia, x. 628 *note*

Pul-i-katán, v. 11; bridge of, vii. 277, 572

Pul-i-Kisti, Afghanistan, vii. 281, 562

Pul-i-murt, S. Persia, v. 161

Pul-i-Talkh, Persia, v. 140

Pul-i-Wargan, v. 144

Pulkova, observing station at, xiii. 170

Pullen, Commander T. F., obituary of, xi. 738

Pumlumpun hill, Upper Burma, xiv. 162

Pumpelly, R., northern trans-continental survey of United States (map), vi. 175; Report on the Mining Industries of the United States, etc., ix. 522†

Pundin mountain, Himalayas, vi. 68, 438

Pungwé river, viii. 510, ix. 622, xiv. 301; hydrographical map of, xiv. 67

Punic War, Second, Arnold, viii. 340†

Punjab, the, Gazetteers of†, vii. 50, 485, xi. 187; Handbook of, Eastwick, v. 743†; population of, xiii. 612; probable Changes in the Geography of, and its Rivers. Oldham, ix. 713†; Rivers of the, MacLagan, vii. 705\*; Reports on Administration of, xiii. 303†

Punmah glacier, Central Asia, x. 512

Puno, Peru, altitude of, xii. 229

Punta arenas, vii. 341

Punta Pariña, position of, xiv. 126

Paralaoi islands, Africa, xiii. 627, 698

Purbeck, Isle of, Picturesque Rambles in, Robinson, v. 109†

Purnacé, volcano of, Colombia, and its ascent, v. 249, 262

Purpus, C. A., *Der Pretannie-Lake bei Lytton in British Columbia*, xiv. 729†

Purtscheller, Herr, travels in the Caucasus, xiii. 724

Purúb river, xiii. 289 *and note*

Purús, Rio, affluents of the, explorations of, Duke, ii. 770, iv. 295; Polak and McCaul, ii. 369, 570; explorations between the Beni and the Labra, xi. 496\*; journey up the, Ehrenreich, xii. 239; navigability and trade of, Jones on, iii. 739

Pusht-Hajikhak pass, Koh-i-Baba, i. 192

Pusht-i-Badan, Persia, iii. 519

Putiata, Capt., expedition to the Pamirs, vi. 136, 368, 508

Putiata, Prince, discoveries of, v. 392

Puttkamer, Herr von, journey in Togoland, x. 799

Putzger, Andree, *Gymnasial- und Real-schul Atlas*, i. 352

Putzger, F. W., *Historischer Schul-Atlas*, etc., i. 416

Pay-de-Dôme, topographical map of, Reynard, iii. 508

Pyramid lake, N. America, i. 394

Pyramid, Mount, New Britain, iii. 96

Pyramid of Iaval, F., the Voyage of, transl. Gray†, ix. 590, xi. 55

Pyrenees, iv. 573; Central, map of, Schrader, v. 683; French, Perret, iii. 574, vi. 607†; Lake Basins of, Belloc on, xiv. 630, 637†; map of (physical), Vuillemin, i. 154; orthography of the, Schrader on, ix. 683; (Western), Carte de front des, x. 545

Pyrenean peninsula, school wall of, Baumberg, viii. 416

Pyrenees, Montes, Brazil, viii. 351, 355, 362

## Q

Qahu-i-ruk, Persia, v. 145

Qariujan, ruins of, Afghanistan, vii. 589

Qazwin, map of route from, to Tabriz, Houtum-Schindler, v. 749. See *Cazvin*.

Qizil Dagh, viii. 95

Queens of Russian Lapland, ii. 600, 601

Quaiipo natives, New Guinea, ix. 73

Quando, Quango, etc. See *Kwa*.

Quantamph, slave trade in, vi. 449

Quanto or Tho tribe, vii. 244

Quanza, Quangu, etc. See *Kwa*.

Quaritch's General Catalogue, x. 54†

Quarmote or Kuamut river, North Borneo, x. 140

Quat Quatta, Parish of, N.S.W. map of, v. 310

Quatata, British Guiana, ii. 478

Quatrefages, M. A. de, on acclimatization, ix. 691

Quatrelles, M., a Parisian in the Antilles, v. 679†

Quebec Geographical Society, Proceedings of†, iii. 245, xi. 752; expedition to Lake Mistassini, vii. 244

Quebrada Andrea, S. America, iii. 718

Queen Charlotte islands, explorations of, Chittenden, vii. 462; Dawson, ii. 577; geological map of, *id.*, iii. 701; report on, *id.*, iii. 190†

Queen's Empire, the, Moore, viii. 342†

Queen's Highway from Ocean to Ocean, Cumberland, ix. 520†

**Queensland—**

Adventures in, or Blacks and Bush-rangers, Kennedy, xi. 753†

Branch of R. G. S. of Australasia, Proceedings of xi. 396†

Cave formation in, exploration of a curious, i. 392

**Queensland—continued—**

- Counties of, map illustrating, xiii. 134  
 Exhibits at Colonial Exhibition, Catalogue of, viii. 539 †  
 Expedition across, Watson, iii. 666; excursion to western boundary of, Lindsay, xi. 651  
 Maps of—xii. 370; Jack, ix. 593; Stanford, ix. 65; Surveyor-General, iii. 255  
 Northern, opening up of, vi. 292  
 Productive capabilities (mineral, etc.), of, map showing, ix. 267  
 Pugh's Almanack and Directory of, xiii. 571 †  
 Railway, proposed, to S. Australia, map of, Watson, iv. 128  
 Reports relating to †—on the Argentine silver mines, Jack, ix. 589; Burke district, Armit, iii. 424; Burram river, xi. 60; coal discoveries on the, Plinders, xi. 60; geology and mineral resources of Kilkivan and Black Snake districts, ix. 59; geology of the Russel river, xi. 60; the Limestone district, xi. 60; Norman river bar, xi. 60, Sellheim silver mines and district, Jack, xii. 642  
 Resources of, Bonwick, ii. 394 †; (and institutions), Essays on, edit. Fletcher, viii. 750 †  
 South-East, tin-producing district of, v. 101  
 The Genesis of, Russell, x. 543  
 Quelpaert island, Corea, vii. 340  
 Queneleque, or Lutiquo river, Bolivia, v. 337  
 Quendi mountains, Zululand, forests of, xiii. 433  
 Querimba islands, v. 394, 402  
 Quesnel, G., new classical atlas, v. 687  
 Quetta, etc., population of, xiii. 612; survey of, xiii. 610; valley of, ii. 537, 538  
 Quibló, Colombia, v. 252; ancient remains of Indian villages at, v. 251  
 Quicembo, hydrographical plan of, xi. 63  
 Quijarro, Dr., Descripción de la Nueva Provincia de Otaquis en Bolivia, xii. 706 †  
 Quilmanse river, East Africa, xiii. 516  
 Quillimane, E. Africa, vii. 436, 646, xii. 136, 137, 224; report on the trade of, Ross, xi. 40  
 Quilon or Kayan lagoon, S. India, vii. 731  
 Quin, J. J., on colonization in North Japan, x. 710  
 Quinpampanini river, S. W. Africa, v. 463  
 Quiquerez, Lieut. P., disaster to expedition in Upper Guinea, xiii. 556  
 Quirigua, ruins of, v. 185, 189, viii. 568, 588, 593  
 Quiros, P. F. de, Historia del descubrimiento de las regiones Australes por †, iii. 63, iv. 446  
 Quishuarini, Peru, altitude of, xii. 220

- Quito, journey from, to the Pacific, Wiener, iii. 487; route from, to Guayaquil, ii. 585; work of the French academicians in the neighbourhood of, iii. 463  
 Quizungu or Moniga river, Mozambique, iv. 599, vi. 734

## R

- R—N., native surveyor, explorations in Central Asia, ix. 342, 343  
 Rabai hills, E. Africa, vi. 551, 564  
 Rabaud, A., L'Abbé Debaize et sa Mission dans l'Afrique Centrale, ii. 709 †  
 Rabot, Ch., explorations in Norway, iii. 501; in Lapland, iii. 759, iv. 105, vii. 398; on the Polar meteorological expeditions, iv. 766; journey to the Store Björgafjeld and Kola Peninsula, viii. 48; La Seconde Expédition Suédoise au Grönland (Nordenskiöld), traduite par, x. 542 †; journey along the west coast of Greenland, xi. 41; on King Charles Land, xii. 175; journey to the Petchora, xiii. 36; on the Danish expedition to E. Greenland, xiv. 193; voyage to the Faröe islands, xiv. 193; to Jan Mayen and Spitzbergen, xiv. 703  
 Rachel, L., Karte von Württemberg, Baden, und Hohenzollern, x. 545  
 Radde, Dr., Die Chowsuren und Ihr Land, i. 77 †; Talysh, das Nordwestende des Alburz, und sein Tiefland, vii. 554 †; on the tribes of the Caucasus, vii. 602; Reisen an der Persisch-Russischen Grenze, viii. 534 †; Die Fauna und Flora des Südwestlichen Caspi-Gebietes, viii. 535 †; journey to Sarakhs, viii. 720; the Ornithological Fauna of the Caucasus, x. 105 †; on the Suanetian race, x. 331; award of Patron's medal to, xi. 310, 451; expedition in Northern Persia, xii. 555  
 Radford, A., Jottings on the West Indies and Panama, ix. 461 †  
 Radiolarian Slate, Japan, ix. 89  
 Radkan, Khorasan, iii. 526  
 Radloff, W., Aus Sibirien, vii. 196 †  
 Rae, Dr. J., on the best route by which to attain a high northern latitude, vii. 760; on the proposed new route to the Great Prairie Lands *via* Hudson's Bay, viii. 728; on temperature in Arctic waters, viii. 769; on depth of frozen soil in the Polar regions, ix. 773; on navigation to Hudson's Bay, x. 653; remarks at evening meetings, vii. 126, x. 565, xi. 495, xii. 295, xiii. 84, 157  
 Rae, Edward, the White Sea Peninsula, A Journey in Russian Lapland, etc., iv. 116 †; on Kairwan, v. 668  
 Rae, Fort, Capt. Dawson on depth of frozen soil at, viii. 741; Observations of the Expedition to, viii. 749 †  
 Raffray, M., explorations in New Guinea, i. 276; journey in Abyssinia, iv. 241, 242

- Raga or Arga, meaning of, v. 14 note.  
 Ragata Y'angovi, East Africa, xiii. 196  
 Ragged islands, W. Indies, xiv. 595  
 "Raghzaies" plateaux, Waziristan, iv. 539  
 Ragosin, V., Volga, ii. 655 †  
 Rahang, Siam, x. 119, 131, 133  
 Raian Basin of Lake Moeris—projected restoration of, Whitehouse, vii. 756; surveys of, *id.*, viii. 455, 730; Account of, *id.*, ix. 608 \*, x. 733; feasibility of the project, Ardagh, ix. 613; exploration of the desert near, Surtees, ix. 613; map of, Whitehouse, x. 811  
 Raigarh, fort of, W. India, iv. 474, 475  
 Railways in America, Africa, and Asia, progress of, vi. 595, 596  
 Raimondi, A., Work on Peru †, v. 306, xiv. 50, 393; Mapa del Peru, xiv. 67; obituary of, Markham, xii. 763  
 Raibsey, J. R., the Sundarban, its Physical Features and Ruins, xiii. 273 \*  
 Rainfall, influence of forests on, Blanford and Gannett on, x. 40, 98, xi. 43; Powell on, x. 793; on mean or average, etc., Binnie, xiv. 730 †; on the effects of, in Formosa, xiv. 712  
 Rajgarh, fort of, W. India, iv. 462  
 Rajputana Gazetteer, ii. 781, iii. 189 †  
 Rakaposhi peak, Himalayas, xiii. 412  
 Ramada range, height of, S. America, vi. 660  
 Ramaer, J. C., De Omvang van het Haarlemmermeer, etc., xiv. 658 †  
 Ramage, G. A., expedition to Fernando de Noronha, x. 417, 424  
 Ramainandro, subterranean river at, xiii. 158  
 Ramaquoban river, Mashonaland, gold at, xiii. 12  
 Rambler reef, its non-existence proved, v. 597  
 Rameswaram island, S. India, vii. 733  
 Ram-Hormuz plain, Southern Persia, v. 151, 156  
 Ramjird dam and district, Kur river, xiii. 289 and note  
 Rankong village, viii. 325  
 Ramos-Coelho, J., Historia do Infante D. Duarte, xi. 755 †  
 Rampongs of N. Burma, xiv. 406  
 Ramsay, Sir A. C., geological map of the British Isles, i. 153; remarks on geographical evolution, i. 443; Stanford's orographical map of Asia, i. 80; on the action of glaciers, x. 785  
 Ramsay, E. P., Catalogue of the Echinodermata in the Australian Museum, viii. 605 †  
 Ramsay, Prof. W. M., explorations in Asia Minor, vi. 219, 307, 368, vii. 422; note on the map of Lycia-Pamphylia, x. 160; Historical Geography of Asia Minor, xiii. 123 †  
 Ramsay, W., Kurzer Bericht über eine Expedition nach der Tundra Umptek auf der Halbinsel Kola, xiv. 866 †  
 Ramseyer, Rev. F., journey to Krakye on the Volta, viii. 248  
 Ranch Life and the Hunting Trail, Roosevelt, xi. 189 †  
 Rancheria, Rio, S. America, iii. 714, 715, 721  
 Rand, McNally & Co., maps by—British Columbia, iv. 454, Central America, xiv. 510; Mexico (general), iv. 581, (township, county, and railway), iii. 444; Texas (county and railroad), iv. 454; United States (general), xii. 645, (indexed), iv. 188, xii. 578, 574, xiii. 447, xiv. 138, 270, 350, 430, 510, 581, 733; United States and Canada, (commercial), xii. 55, 56; (railway), ii. 464  
 Randolph, Rev. Mr., remarks on the Rovuma district, ii. 352  
 Rands, W. H., on the geology of the Owen Stanley range, xii. 618  
 Rangips tableland, vii. 210  
 Rang Kullake, Pamir, ii. 502, ix. 60, xiv. 227  
 Rangoon, port and river, survey of, vii. 45  
 Rankin, D. J., journey from Blantyre to Quillimane, vii. 635 \*; Arab tales translated into the Makua language, x. 740 †; on the Zambesi delta, xi. 693; the Chinde River and Zambezi Delta, xii. 136 \*  
 Rankin, L. K., the Elephant Experiment in Africa, iv. 273 \*  
 Ranomafito river, Madagascar, iv. 529  
 Ransome, L. H., the Antanambalana river, Madagascar, xi. 295 \*; his journeys in Madagascar, xiv. 739  
 Raper, Lieut. H., Practice of Navigation, xiii. 376 †  
 Raquet, Ed., legacy to Paris Geographical Society, vii. 400  
 Raratonga island, vii. 832  
 Ras el Khanzir, viii. 95  
 Ras er Raml island, vii. 112  
 Ras Hafun, sea temperature off, x. 707  
 Ras Intende, rocks off, E. Africa, vii. 431  
 Rashid, Mohammed Ibn, ii. 87, 88  
 Rasht, fortress of, Turkistan, vi. 501 and note, 510  
 Raakem-daria river, Central Asia, xi. 174, xii. 422, xiv. 219, 784  
 Rat island, Fernando de Noronha, x. 426  
 Rat, J. N., the Elements of the Hausa Language, xi. 316 †  
 Rath, G. vom, Siebenbürgen, ii. 780 †  
 Rathgen, Dr. K., on the commercial geography of Japan, xiv. 238  
 Ratte, A. F., Descriptive Catalogue of Minerals in the Australian Museum, viii. 605 †  
 Ratzel, Dr. F., Aus Mexico, i. 78 †; Die Vereinigten Staaten von Nord-Amerika †, i. 78, ii. 325; Anthropo-Geographie †, iv. 447, xiv. 507; boundaries of African States, vii. 539; Kultur- und Staaten-Karte von Afrika, vii. 558; Völkerkunde, x. 608 †; Die Schneedecke besonders in Deutschen Gebirgen, xii. 300 †



- Rauner, S. Y., on the movement of drift-sands in Russia, x. 736
- Rausch. See Trautenberg.
- Ravenstein, E. G., on the R.G.S. map of E. Equatorial Africa, iv. 628; on the Somali and Galla countries, v. 675; *id.*, Wakefield's information, vi. 255\*; object lessons in geography, vi. 674; aims and methods of geographical education, viii. 116; on Diogo Cão's "Padrao" at the mouth of the Congo, ix. 690 *note*; a plea for the meter, ix. 705; the Universal Geography, edited by (in part), x. 319†; on the altitude of the Victoria Nyanza, xi. 438; Positions in the Valley of the Upper Nile, xi. 641\*; on Lands still Available for European Settlement, xiii. 27\*, 114; on Jackson and Gedge's journey to Uganda, xiii. 193\*, 206; on the Field of Geography, xiii. 617\*; on proposed international map of the world, xiv. 716; maps by—Africa, languages, vi. 175; Stanley's explorations, xii. 123; Eastern, for R.G.S., iii. 224, v. 415; *id.*, part of, xi. 578; country between Nyasa and Tanganyika, x. 747; Cunene Basin and Upper Okavango, iv. 187; Egypt, iv. 710; Russia and Turkey (railway and navigation), v. 309; U.S.A. (railway), ii. 719; remarks at evening meetings, vi. 711, vii. 642, viii. 732, 738, ix. 303, 700, x. 531, 731, xi. 341, xii. 135, xiii. 548, xiv. 530, 840
- Ravenstein, L., Karte der West-Tiroler und Engadiner Alpen, ii. 591; Karte der Salzburger Alpen, und des Salzkammerguts, ix. 592
- Raverty, Major, work on the N. W. Frontier of India, i. 61; on the routes between Jalalabad and Cabul, ii. 125; Notes on Afghanistan and part of Beluchistan, ii. 708, iii. 663, 692, vi. 354; on the Dara'sh of Nur, iii. 498; on the name Bolor or Bilaur, iii. 312, 499, 663; on the Band-i-Amir lakes and Moore's Bendemeer, ix. 252
- Ravi river, Punjab, vii. 709, 715, xiii. 416, 417
- Raweryah (Roway), Bay of, vii. 94
- Rawlinson, Canon George, History of Phœnicia, xii. 182†
- Rawlinson, Sir H., rough notes on prehistoric Cyprus, i. 106; the Road to Merv, i. 161\*; notes on Lessar's journey in the Turkoman country, v. 12\*; additional note on Darwaz, vi. 510; the Dragon lake of Pâmfr, ix. 69\*; remarks at the anniversary dinner, 1879, i. 472; at evening meetings, i. 96, 97, 137, 257, 259, ii. 100, 242, 263, 264, 288, 451, iii. 80, 84, 299, 544, iv. 49, 60, 355, v. 169, 171, 410, 423, 472, 473, 516, vi. 17, 44, 321, 396, 501, vii. 86, 91, 287–291, 369, 373, 577, viii. 151, ix. 15, 18, 455, x. 514
- Rawson, Commander Wyatt, obituary of, iv. 697
- Rawson, Sir Rawson, report on the congress of French geographical societies, 1880, iii. 55; the Partition of the Coasts of Africa, vi. 615\*; European Claims on the Red Sea in 1885, vii. 93\*; Synopsis of the Tariffs and Trade of the British Empire, x. 319†; (sequel), xi. 190†; remarks at the anniversary meeting, 1879, i. 472; at evening meetings, i. 16, 734, ii. 264, vii. 645, ix. 85, xi. 17, xiii. 33, 590, xiv. 752
- Ray, Lieut., establishment of meteorological station at Point Barrow, iii. 484, 733; experiences at the same, vi. 677
- Rays, Marquis de, project for the colonization of the South seas, ii. 369, iii. 47
- Rende, T. M., the Origin of Mountain Ranges, ix. 652†
- Rebubwe. See Revubwe.
- Reclus, A., Panama et Darien, iii. 576†
- Reclus, E., Voyage à la Sierra-Nevada de Sainte Marthe, 2nd edit., iii. 576†; Nouvelle Géographie Universelle †, i. 410, ii. 327, iv. 190, 326, vi. 483; English translation, x. 319†; the Earth and the Ocean, edit. Keane, ix. 263†
- Red Deer rivers, Canada, v. 635
- Red river, Canada, Hargrave on, vii. 833†
- Red river fort, Athabasca, v. 652
- Red river, Tonking. See Song-ka.
- Red Sea—
- And Abyssinia, De Rivoire, ii. 459†
- European Claims on, 1885, Rawson, vii. 93\*
- French possessions on, vii. 107
- Italian possessions on, extension of, xi. 608
- Journey to the Ports of the, Report on, Haig, ix. 649†
- Meteorology of, Strachey, x. 704\*
- Petroleum Deposits of, Ardagh, viii. 502\*
- Route to India *viâ*, vii. 103, 104
- Surveys, Admiralty, in, iv. 555, v. 495, x. 418, xi. 414, xiii. 398, xiv. 377
- Territories of, in 1517, vii. 94; area and population of, vii. 104
- Trade of, Wyld, ix. 691
- Turkish conquests in, vii. 94
- Redcliffe, Viscount Stratford de, obituary of, iii. 398
- Redmen of Guiana, xiv. 681
- Redscar bay, New Guinea, v. 516
- Redway, J. W., the New Lake in the Colorado desert, xiv. 309\*
- Reed, Sir E. J., Japan: its History, etc., ii. 781†
- Rees, J. D., journey in N. W. Persia, viii. 394; on North China and Corea, viii. 733; Tours of Lord Connemara †, xi. 700, xii. 244
- Reeves, A. M., the Finding of Wineland the Good, etc., xiii. 127†
- Regam peak, viii. 323
- Regel, Dr. A., Expedition from Kuldja to Turfan in 1879–80, Morgan on, iii. 340\*; map, iii. 700; explorations in

- Regel, Dr. A.—*continued*—  
Central Asia, ii. 631, iii. 490, iv. 105, 109, 412, v. 392, vi. 136, 369, 477, 479, 500, 509, viii. 32; map of journey in Darwaz, vi. 613
- Regel, Dr. F., Die Thüringen Wald, xiv. 568 †
- Regina district, facts respecting the, xi. 396 †
- Reñan basin. *See* Raian.
- Reichard, P., Expedition in East and Central Africa, v. 551, vi. 88, vii. 603 †; visit to the copper mines of Katanga, vii. 540; Bericht über seine Reisen, viii. 344 †; on trade and trade-routes in German East Africa, xii. 241
- Reichenberg, Lieut., exploration of Konkadugu, x. 379
- Reichenbach, O., Col. Clarke's Determination of the Eccentricity of the Equator, xi. 637 †; Law in the Face of the Earth †, *ib.*; on some Properties of the Earth (and supplements) †, *ib.*; on some of the Remarkable Features in the Evolution of the Earth †, *ib.*
- Reid, H. F., Studies of the Muir Glacier, xiv. 573 †
- Reid, Col., study on the law of storms, iii. 631
- "Reig-Rawan" or moving sand near the Panjshir river, i. 117
- Reikjavikfjord, ice off the, ix. 684
- Rein, Prof. J. J., Japan nach Reisen und Studien, etc. †, iii. 60, ix. 130; English edition †, vi. 100, 187
- Reischek, A., on islands south of New Zealand, xi. 515
- Reisinger, F., Karte der Umgebung v. Komotau, Brüx, etc., ii. 463
- Reiss and Stübel, MM., journey from Quito to the Pacific, iii. 488
- Reiter, Dr. H., Die Kalahara, etc., vii. 555 †; Die Südpolaufgabe und ihre Bedeutung für die Genetische Gliederung der Erdoberfläche, ix. 135 †
- Reitzner, H. V. von, General Karte von Griechenland, etc., ii. 592, iii. 251
- Rejaf, position of, xi. 644
- Rejang river, N. Borneo, iii. 197
- Rekom, Caucasus, xiv. 107
- Reliance, fort, North America, v. 634
- Relief maps, new method for, Brooks, viii. 399; Güttenbrunner, vii. 165
- Remondino, Dr. P. C., Southern California; its Climatic, etc., Conditions, xiv. 573 †
- Remy, J., Ascension de M. M. Brechley et Remy au Maunaloa, Polynésie, xiv. 875 †
- Renard, the, surveying ship at Fiji islands, v. 593
- Renat's old map of Djungaria published by Imp. Russian Geogr. Society, iii. 787
- Renaud, M., on the harbours of Tongking, ix. 255
- Rendsberg, Plan von, x. 322
- Renell, Major, survey work in India, vii. 676, 677; theory of the junction of the Sango with the Brahmaputra, iv. 270
- Renny-Tailyour, Lieut., survey work in Upper Burma, xiii. 174
- Renou, Em., map of Morocco, vii. 548
- Resolution, fort, North America, v. 634, 652, 653
- Ressne, M., exploration of the Khin-gan mountains, x. 304
- Reulenaus, Prof., Eine Reise quer durch Indien, vii. 54 †
- Réunion island, Blondel on, x. 389; cinchona cultivation in, St. John on, ix. 578; map of, vi. 239; *id.*, Lépervauche, vii. 414
- Reuter, G. de, on the Karun river, etc., xii. 530
- Réveillère, Capt., ascent of Mekong river, viii. 205
- Revello, Father Bove de, expedition on the Amaru-mayu, v. 317, 318
- Révoil, G., Journeys and explorations in Somaliland, ii. 695, 774, iii. 182, 571, iv. 113, 509, v. 428, 429, 558, 717, 738, vi. 232, 295, 476, viii. 599; La Vallée du Darroir, Voyage aux pays Connalis, iv. 514 †; Visit to the country of the Mijjer-teyn Somali, i. 805, 806; Voyages au Cap des Aromates, ii. 393 †
- Revubwe (Revugwe, Revugo) river, Central Africa, viii. 77, 512, xii. 152
- Rey, Dr. *See* Montano.
- Reyer, Prof. E., Aus Toskana, xii. 53 †; Zwei Profile durch die Sierra Nevada, viii. 411 †; Ursachen der Deformationen und der Gebirgsbildung, xiv. 578 †; On a New Theory of the Origin of Mountains, xiv. 630 †
- Reyes, near the Beni, Bolivia, v. 324, 327, 338
- Reykjanes cape and peninsula, Iceland, vii. 180; Thoroddsen's explorations in, vi. 156
- Reykjarfjord, Iceland, x. 306, 307
- Reynard, J., Carte topographique du département du Puy-de-Dôme, iii. 508
- Rhapta, ancient district of, East Africa, xiii. 524
- Rhaptum promontory, Ptolemy's distances from, xiii. 546
- Rheam, W., on the teaching of geography, ix. 121
- Rhine, the, Bacdeker's Handbook to, iv. 439 †; Bavarian district of, map of, x. 674; In the Netherlands, Blink, xi. 630 †; map of the course of, in Prussia, ii. 328
- Rhine, Dutreuil de, Le Royaume d'Annam et les Annamites, i. 404 †; on the river Song-má, S. Tonking, iii. 111; on the locality of the village of Nabchu, iii. 242; carte de l'Indo-Chine Orientale, iii. 443; on the sources of the Irawadi and Salwin, x. 170; on the geography of Eastern Tibet, x. 577, 583; map of the Ogowé, xi. 604; L'Asie Centrale, xii. 181 †; explorations in Central Asia, xiii. 561, 725, xiv. 238; the position of Khotan, xiii. 725

- Rhodes, Island of, explorations in, Guérin, ii. 516; work on, Biliotti and Cottret, iv. 771
- Rhodes, Père A. de, Voyages et Missions en la Chine, etc., vii. 617 †
- Rhodes, T., Steamship Guide and Holidays Afloat, etc., xi. 637 †
- Rhöngebirges, map of the, viii. 751
- Rhy, E. Africa, xii. 134
- Ribatsbi Peninsula, Norway, ii. 277
- Ribeiro, M. F., Criticism on Pinto's Journey across Africa, ii. 270 †; A Colonisação Luso-Africana, Zona Occidental, x. 610 †
- Ribero, Diego, reproduction of the 2nd Borgian map by, Griggs, ix. 62
- Ricci, General, death of, iii. 760
- Rice, Lewis, Mysore and Coorg, i. 344 †
- Richards, Admiral Sir G. H., obituary of Vice-Admiral T. Spratt, x. 242; Report on the Navigation of the Mersey, xii. 300 †
- Richards, E. H., journey in East Africa, west of Inhambane, vii. 381, 459
- Richardson, J., A Smaller Manual of Modern Geography, ii. 783 †
- Richardson, Mr., report on the Magdalen Islands, St. Lawrence, iv. 517
- Richardson, R., agricultural map of the county of Edinburgh, i. 154
- Richardson, Sir John, visit to lake Athabasca, v. 648; on depth of frozen soil at York Factory, ix. 771, 772
- Riche island, New Guinea, v. 509
- Richmond gulf, Hudson's bay, Prof. Bell's explorations of, iii. 365
- Richter, Dr. C. M., Ocean Currents on the Coast of California, x. 51 †
- Richter, Dr. E., Die Gletscher der Ostalpen, x. 803 †; Geschichte der Schwankungen der Alpengletscher, x. ii. 736 †; Urkunden über die Ausbrüche des Vernagt und Gurglergletschers, xiv. 866 †
- Richter, Otto, plantation of Peruvian bark, Mapari river, v. 337
- Richthofen, Baron von, China, iv. 389 †; Atlas von China, vii. 702; Führer für Forschungsreisende, viii. 410 †; on the study of geography, viii. 708; on the loess of Central Asia, xii. 59
- Riddel, A., Grammar of the Chinyanja Language, ii. 271 †
- Riddle, Ed., nautical school of, iv. 298, 299
- Ridgeway, Col., Afghan frontier mission under, vi. 662
- Ridley, H. N., expedition to Fernando de Noronha, x. 417, 424; to the Tahan District, Pahang, xiv. 533 †
- Riebeck, Dr., expedition to Socotra, iii. 311; obituary of, vii. 545
- Riedel, J. G., Der Aaru-Archipel und seine Bewohner, vii. 346 †; De Topantunusu of oorspronkelijke Volkstammen van Centraal Selebes, viii. 344 †
- Riese, A., Geographi Latini Minores, i. 152 †
- Riess, Dr. R., geographical and historical atlas of the Holy Bible, iii. 126
- Riff tribe, Morocco, xi. 488, 489
- Rigby, Major General C. P., remarks on Last's visit to the Masai, etc., v. 538, 543; obituary of, vii. 388
- Rijkevorsel, Dr. van, journey in Sumatra, ix. 128
- Riketti river, Central Africa, xii. 554
- Rikuru, valley of the, Central Africa, iii. 263, 264
- Rikwa. See Rukwa.
- Riley, A., visit to the Assyrian Christians in Kurdistan, viii. 674 †; Athos, or the Mountain of the Monks, ix. 517 †
- Rimbaud, M. A., report on Ogadine, vi. 163; new route from Antotto to Harar, x. 39
- Rind tribe, South-West Beluchistan, v. 721
- Rink, Dr. H., on the interior of Greenland and recent expeditions, i. 735; Tales and Traditions of the Eskimo, vii. 491 †; on Danish exploration in Greenland, x. 288; the Eskimo Tribes, etc., xiii. 741 †
- Rio de Janeiro, the geographical society of, vii. 342. See Jauero.
- Rio Grande do Sul, xii. 228; physical geography of the valley of, Derby, viii. 749 †; province of, Bennett on trade in, x. 383
- Rio Grande, Bolivia, v. 343
- Rio Grande (San Francisco Basin), altitudes of points on, viii. 355
- Rio Hacha town, Colombia, i. 690, iii. 714, 716
- Rio Negro. See Negro.
- Rion river, Caucasus, xiv. 101, 102
- Ripa, Tana River, xii. 131
- Ripandi river, Central Africa, xii. 715, 716
- Risley, H. H., the Tribes and Castes of Bengal, xiv. 60 †
- Ritchie, J. E., to Canada with Emigrants, viii. 132 †
- Ritter, Joseph, map of Austro-Hungarian kingdom, iv. 774, v. 501; Geographical-Statistical Lexicon, v. 682 †
- Ritter, Karl, celebration of the centenary of the birth of, by Berlin Geographical Society, i. 738; works of, added to R.G.S. library, ix. 272; Was bedeutet Carl Ritter für die Geographie, ii. 272 †
- Rivadeneira, D. de, visit to the Galapagos islands, xiv. 315
- Rivadeneira, Señor, travels in Persia, i. 333
- Rivers—as means of boundaries, xiii. 599; entrances to, Mill, viii. 732; Great Historical, Metchnikoff, x. 318 †; names of, in Further India, Peel on, xi. 90 †; the longest in the World, Von Tilo on, ix. 120; Heawood on, ix. 252; transparency and water level of, xiv. 629; winding of, Buchanan on, xiv. 712

- Riviera, Die Naturpracht der Riviera di Ponente, Adelmann, vi. 53 †; Murray's handbook for travellers on the, xii. 181; Sketches of the Health Resorts of the Mediterranean, Sparkes, ii. 69 †
- Rivière, Baron H. A. de, Explorations in the Beni Province, xiv. 729 †
- Rivière, H., Souvenirs de la Nouvelle-Calédonie, ii. 462 †
- Rivoyre, Denis de—Mer Rouge et Abyssinie, ii. 459 †; Obock, Mascate, Bouchire, Bassorah, v. 432 †; Les Vrais Arabes et leur pays, vii. 54 †; on the bay of Adulis, vii. 401; on the progress of works at Obock, vii. 253; Les Français à Obock, x. 51 †
- Roa, Col. D. L. O. de, on the Chubut region, vii. 342
- Roach, Capt., visit to lake Kennedy, i. 706
- Robat village, Persia, xii. 584
- Robat, Dehistan, i. 170
- Robb, Dr. John, on the climate of Zanzibar, ii. 183
- Robecchi, L. Bricchetti, journey in Somaliland, xii. 466, xiii. 686, 722, xiv. 372; Testi nelle Lingue Harrar e Galla, xiv. 870 †
- Robert, Fritz, Afrika als Handelsgebiet, v. 432 †
- Robert, Mr., surveys in Sikkim, xiii. 414
- Robert Hall Sound, New Guinea, v. 515
- Roberts, C. G. D., the Canadian Guide Book, xiv. 574 †
- Roberts, J. S., Africa and African travels and adventures, i. 204 †
- Roberts, M., the Western Avernus (Further North America), ix. 461 †
- Roberts, Rev. C., the South African Traveller's Handbook, i. 345
- Roberts, W., ascent of mount Donkia, vi. 69
- Robertson, A., on the new route to North West Canada, viii. 729
- Robertson, H., mission life among the Zulu-Kafirs, i. 204 †
- Robertson, J. P., Political Manual of Manitoba, etc., x. 179 †
- Robertson, Sir D. B., obituary of, iii. 366
- Robilliard, Mr., on railways to Bolivia, xiv. 562
- Robinson, C. E., A Royal Warren (Rambles in the Isle of Purbeck), v. 109 †
- Robinson, H. J., Colonial Chronology, xiv. 811 †
- Robinson, Sir W. C. F., Physical Geography of South-West Australia, ix. 59 †
- Robinson, W., on the transfer of the population of St. Andro, i. 134
- Robinson river, N.W. Australia, v. 723
- Roblet, Père, survey work in Madagascar, x. 649, xi. 409; map of Antananarivo and its environs, vi. 95, ix. 189; of Madagascar, x. 746
- Roborofsky, Lieut., Journey with Pivtsoff in Central Asia, xii. 19\*, 161\*, 466, xiii. 99
- Rocamadour, Uvillier, xiv. 723 †
- Rochechouart, J. de, Les Indes, La Birmanie, etc., i. 405 †; Pékin et l'intérieur de la Chine, i. 148 †
- Rocher, E., La Province Chinoise du Yunnan, ii. 391 †
- Rock, Miles, Guatemala Forests, x. 604 †
- Rock river, North America, v. 729
- Rockhill, W. W., Exploration in Tibet, Attempt to reach Lhasa, xi. 439, 730\*, xii. 380; An American in Tibet, xiii. 53 †; travels in North-East Tibet, xiv. 777; the Land of the Lamas, xiv. 60 †
- Rockstroh, E., Estudio de los Fenómenos volcánicos en el Lago de Ilopango (Salvador), ii. 710 †
- Rocky mountains, v. 634, xi. 154, 155; arid lands near, project for irrigating, x. 455; forest region of, xii. 430; in the, Mandat-Grancey, vii. 56 †; rainfall of the, x. 284, 285
- Rocky river, Athabasca, v. 642
- Rodah, Nilometer at, xi. 29, 245
- Rodgers, Lieut., report on Panama canal, vi. 587
- Rodgers, the search for the *Jeannette* and visit to Wrangell Land, iii. 733, iv. 30; loss of, iv. 376, 607
- Rodler, Dr. A., Geologische Reise im Westlichen Persien, xi. 314
- Rodrigues, M., the Panama Canal, its History, etc., viii. 130 †; on the river Juapery, ix. 54
- Rodwell, G. F., Etna, a history of the mountain and its eruptions, i. 283 †
- Roe, Capt. J. S., obituary of, i. 277
- Roe-buck bay, North-West Australia, v. 722
- Roema or Rima village, Tibet, vii. 75
- Roeptorff, F. A. de, Dictionary of the Nancowry Dialect of the Nicobarese Language, vi. 855 †
- Rogers, Capt. Woodes, Life aboard a British Privateer in the time of Queen Anne, xi. 124 †
- Rogers, J. E., and J. P. Mabaffy, Tour through Holland and Germany, xi. 116 †
- Rogers, Major M., surveys round Candahar, i. 64, 730
- Rogers, W. A., and A. Winlock, Catalogue of 130 Polar Stars for the epoch of 1875-80, ix. 525 †
- Roget, Capt., explorations in the Congo region, xii. 553
- Rogoaguado, lake of, Bolivia, v. 327
- Rogon, Dr., on the Jurassic fishes of Ust-Balei, xiii. 181
- Rogozinski, M. de, explorations in the Cameroons, v. 173, vi. 294, 477, 479, vii. 183, 394, viii. 48; Pod Równikiem, viii. 601 †; ascent of Clarence Peak, xii. 289
- Rohde, Lieut., exploration in the Litmay valley and the Andes, iii. 234
- Robelta, vii. 102, 108, 112

- Rohlf, Gerhard, Expedition in N. Africa, i. 275, 280, 341, 359, 476, 535, 536, 737, 807, ii. 322; to the Kufra Oasis, ii. 508; in Abyssinia, iii. 186; Reise von Tripolis nach der Oase Kufra, iii. 696†; Expedition in Tripolitaniën, etc., Übersichtskarte, iii. 64; Neue Beiträge zur Entdeckung und Erforschung Africa's, iii. 248†; on the sinking of land in N. Africa, iv. 634; My Mission in Abyssinia, v. 305†; Expedition zur Erforschung der Libyschen Wüste, 1873-74, Part III., v. 678†; Quid Novi Ex Africa, ix. 261†
- Röhne, M. Arthur, on Cairo, v. 428
- Röhrich, Reinold, Deutsche Pilgerreisen nach dem heiligen Lande, ii. 709†; Bibliotheca geographica Palestinæ, xiii. 372
- Rolfe, J. H., maps of the Eastern and Western Hemispheres, iv. 249
- Röll, Dr. J., ascent of a peak in the Cascade mountains, North America, xi. 609
- Rolland, G., on the formation of the Sahara, iv. 629; on the Algerian Sahara, viii. 783; on the geology of Lake Kelbia region and Central Tunis, ix. 312, x. 598; excursion to Ued-Rir and Tuggurt, x. 472; on the geology of the Algerian Sahara, x. 593, xiv. 872†; on Artesian borings in the Ued-Rir oasis, xi. 312, 507; on the Trans-Saharan railway, xii. 299; on the Sand-dunes of the Sahara, xii. 367; on the Subterranean waters of the same, xiv. 324
- Roman conquests in the Mediterranean, xii. 627, 628
- Roman Empire, Provinces of the, from Cæsar to Diocletian, Mommsen, transl. Dickson, ix. 263†; wall map of the, vii. 496
- Romanche, French scientific expedition of the, vi. 348
- Romanovsky, G., Carte Géologique du Turkestan Russe (in part), viii. 541; notes on the Central Asiatic question, viii. 411
- Romanow tribe, North Borneo, v. 94, x. 6
- Romantsof. See Rumantsof.
- Rombashe river, lake Nyasa, i. 295, 303, 323
- Rome—geographical society of, proceedings of, iv. 111, 172, 244, 439; maps of, i. 349, xiv. 65; of the province of, xiv. 580; Murray's handbook of, viii. 212; Piante Iconografiche e Prospettiche di Roma anteriori al Secolo XIV., de Rossi, i. 537†
- Romilly, H. H., the Western Pacific and New Guinea, viii. 407†; the Islands of the New Britain Group, ix. 1\*†; From my Verandah in New Guinea, xi. 516†
- Romsdal government, Norway, map of, v. 184
- Romsdalsfjord, Strandlinien und Terrassen im (map), Sandler, xii. 643
- Ronchi, L., Carta delle linee ferroviarie e di navigazione in Italia, i. 349
- Roncière le Noury, Admiral de la, obituary of, iii. 366
- Rondo-Makoto, Mr., corrected map of Corea, v. 568
- Rongo river, Central Africa, iii. 304
- Rong Tchod Chu river, vii. 313, 315
- Romuro river, viii. 520
- Rook island and natives, viii. 562, 566
- Roosevelt, J., Ranch Life and the Hunting Trail, xi. 189†; Hunting Trips of a Ranchman, xiv. 731†
- Roraima, Mount—  
Account of, Im Thurn, vii. 667\*  
Ascent of, Im Thurn, vii. 497\*; Cromer and Dressel, x. 166, Cromer and Saylor, xiv. 242; to the foot of the cliffs of, Whitely, vi. 459  
Botanical richness of the Savannah slope of, vii. 510, 511 note, 512  
Difficulties of exploration of summit, vii. 532, 533  
Early travellers to, vii. 528  
Expedition to, Im Thurn, vii. 181, 246, 247  
Exploration of, vi. 670, 671; in neighbourhood of, Whitely, vi. 452\*  
Journey to British Guiana and, Bodham-Whetham, i. 687†  
Notes on a journey to, Perkins, vii. 522\*  
Scenery and vegetation of the summit of, vii. 517-520, 531  
Waterfall from, Raleigh's account of, vi. 670
- Röros and Tonset, mean pressure at, xiii. 146
- Rosa, Monte, xiv. 346; panorama of, Imfeld, ii. 656; Sella and Vallino's work on, xii. 767†
- Rose, Thomas, school prize medal awarded to, v. 422
- Rosen, F., journey from the Persian Gulf to the Caspian Sea, xii. 357
- Rosen, P. G., Die Astronomisch-Geodätischen Arbeiten des Schwedischen Generalstabes, x. 808†
- Rosenberg, C. B. H. von, Der Malayische Archipel, i. 345†
- Rosenvinge, M. K., explorations in South Greenland, xi. 435
- Roshan-Kuh mountains, Persia, v. 142
- Roskoschany, H., Russia and its People, v. 182†
- Rosmysloff, Lieut., Arctic voyage of, ii. 8
- Rosny, Léon de, orographical map of Roumania, v. 173; the Danubian populations, v. 182†; Les Antilles, ix. 134†; Les Religions de l'Extrême Orient, ix. 72†; Histoire des Dynasties Divines (Ecole des Langues Orientales), x. 54†; Chan-hai-king, xiv. 132†
- Ross, A., Journey to the Head Waters of the Ucayali, xiv. 382\*
- Ross, David, the Land of Five Rivers and Sindh, v. 304†

- Ross, Sir James, Antarctic discoveries of, iii. 623
- Ross, John, History of Corea, Ancient and Modern, ii. 139†
- Ross, Lieut.-Col. E. C., notes on the River Mand, or Kara-Aghatch, v. 712\*
- Ross, Malcolm, Complete Guide to the Lakes of Central Otago, xii. 306†; Aorangi, or the Heart of the Southern Alps, New Zealand, xiv. 575†
- Ross, Mars, the Highlands of Cantabria, viii. 341†
- Ross, Mr., on the location of Odoli, ix. 567
- Ross, Vice-Consul, report on the trade of Quillman, xi. 40
- Rossel island, Lousiades, xi. 529, 530
- Rüssel, Th., Reliefkarte d. Königreich Bayern, iii. 251
- Rossenvinge, M., explorations in Greenland, xi. 435
- Rosser, W. H., instruction in navigation by, iv. 303; Norie's Practical Navigation, etc., xi. 397†
- Rossi, G. B. de, Pianta Iconografiche e Prospettiche di Roma anteriori al Secolo XIV., i. 537†
- Rossikoff, M. K. N., on the glaciers of the Caucasus, xiv. 719
- Röst and Varó islands, new fishing bank off, viii. 724
- Rostak, or Rosak, Persia, xii. 582
- Rostock, map of environs of, Malte-Brun, ix. 463
- Rostoff, River Don, longitude of, v. 392
- Rotang pass, Himalayas, v. 615, 616, vii. 709
- Roth, Dr. M., Geografisk Atlas öfver Sverige, i. 160; map of the North, vi. 611
- Roth, Dr. S., Die Seen der Hohen Tatra, x. 106†
- Roth, H. L., Crozet's voyage to Tasmania, etc., xiv. 133†
- Rothaug, J. G., Atlas zum Unterrichte in den Oesterreichischen Volksschulen, etc., ii. 720
- Rotoaira lake, New Zealand, vii. 210
- Röttger, Eisenbahn-Karte d. europäischen Russland, ii. 396
- Rotti island, Wichmann's visit to, xiv. 469
- Roua island, Lousiades, xiv. 795
- Rondaire, M., visit to the Algerian chotts, i. 608; projected inland sea in the Algerian Sahara, iv. 377; journey of, vii. 52, 194; death of, vii. 254
- Roudner, M., work in Eastern Bokhara, xi. 311
- Rougé, Vte. J. de, Géographie Ancienne de la Basse-Égypte, xiv. 63†
- Rougement, M., map of railway between Santiago and Angol, v. 494
- Rouire, Dr., explorations in Central Tunis, viii. 599; La découverte du Bassin hydrographique de la Tunisie Centrale, etc., xi. 514†
- Route, Cornelius, arctic voyage of, ii. 7
- Roumania, Annals of the Meteorological Institute of, Hepites, ix. 258†; the Land and the People, Bergner, ix. 517†; Past and Present, Samuelson, iv. 573†; Untrodden Paths in, Walker, xi. 53†
- Rouna falls, New Guinea, v. 355, 356, 385
- Rousden Observatory, Devon. Meteorological Observations at, Peek†, x. 399, xi. 463, xiii. 189
- Rousset, L., A Travers la Chine, i. 77†; on Turkish railways, vii. 394
- Rou-son and Willom's journey in Tierra del Fuego, xiii. 365
- Routes, New, of the Globe, Isthmic Canals, and Subterranean Routes, Héline, v. 50†
- Rouve, M. de, on the region of the Congo, i. 144
- Rouvier, Capt., explorations in the Ogowe-Congo region, viii. 776, *et seq.*, ix. 339; Paris Geographical Society's medal awarded to, ix. 255; astronomical observations on the Congo, ix. 189; Carte du Congo Français, ix. 724
- Roux, J. Ch., Le Canal de Panama en 1886, ix. 321†
- Rouzioux, M., on earthquake at Cayenne, viii. 58
- Rovuma district, coal-beds in the, i. 707, vii. 743; Maples on, ii. 337\*
- Rovuma river, E. Africa, iv. 80, 86, 481, v. 396, 398, vi. 517, 520, vii. 159, 666; ix. 468; Basin of, Notes on, Thomson, iv. 65\*; expedition up, *td.*, iii. 660
- Rowe, Sir Samuel, remarks at evening meetings, iv. 507, vi. 450; obituary of, xi. 423
- Rowley's map of New South Wales, x. 186
- Roy, M. René, v. 174; excursion in Swedish Lapland, vi. 97
- Royal atlas of modern geography, Keith Johnston, vii. 495, xiv. 68, 140, 432, 511, 664-884
- Royal Colonial Institute, Proceedings of, xiv. 876†
- Royal Geographical Society—**  
Admission of ladies as members, xiv. 553  
African Exploration Fund, final report of the committee, iii. 38; expeditions. See Africa, East, and Thomson, Joseph.  
Amendment of the regulations, i. 471  
Anniversary dinner and meetings, i. 460, *et seq.*, 472, ii. 439, 455, iii. 425, 435, iv. 425, 436, v. 411-414, vi. 340, 409, 420, vii. 466, 480, viii. 458, 469, ix. 446, x. 459, xi. 442, *et seq.*, xii. 471, *et seq.*, xiii. 491, *et seq.*, xiv. 478, 493  
Appliances used in geographical education, exhibition of, vii. 543, 815, viii. 52, 116, 121, 193, 198, 417-421, 463, 724; at Manchester and Scottish societies, viii. 271, 338; on view at Savile Row, ix. 764



**Royal Geographical Society—continued—**

- Appointment of new assistant secretary, xiv. 177
- Appointment of new librarian, xiv. 235
- Award and presentation of medals and grants of the, i. 398, 466, ii. 311, 446, iii. 316, 431, iv. 431, v. 296, 417, vi. 341, 415, vii. 345, 474, viii. 400, 465, ix. 311, 452, x. 300, 466, xi. 305, 310, 449, xii. 288, 471, *et seq.*, xiii. 294, 491, xiv. 316, 485; special medal to Mr. Stanley, xii. 287
- Award of geographical studentship at Oxford, xiv. 235
- Balance sheets of. *See* Council reports.
- Changes in the Proceedings, xiv. 854
- Christmas lectures to young people, xiv. 854
- Council, report of, i. 460, ii. 439, iii. 425, iv. 425, v. 411, vi. 409, vii. 467, viii. 458, ix. 446, x. 459, xi. 442, xii. 479, xiii. 437, 495, xiv. 478
- Educational lectures of the, xiv. 47, 700
- Educational work, viii. 527, xiv. 361; prizes in elementary schools, ix. 757
- Evening meetings, report of, *passim*; review of work done at, xiv. 353
- Fifty years work of the, iii. 238, 397
- Jubilee address to H.M. the Queen, ix. 438
- Library and map room. *See* Council reports.
- Map of Eastern Equatorial Africa, iii. 224, iv. 628, v. 415
- Miscellaneous duties, xiv. 358
- Prizes and medals of the, to public schools, i. 468, ii. 311, 452, iii. 434, iv. 434, v. 422, vi. 341, 418; training colleges, x. 468, xi. 239, 453, xii. 236, 476, xiii. 231, 494, xiv. 235, 489
- Report of committee on navigation, and nautical education, iv. 313
- Scientific instruction to travellers, i. 453
- Testimonial to Bishop Crowther, ii. 450
- Royal naval asylum, nautical school of, iv. 299
- Royal Society committee on the eruption of Krakatoa, report of, x. 805
- Rua river, Mashonaland, xii. 147
- Rua Sura islands, Western Pacific, v. 599
- Ruaha river, E. Africa, i. 529, ii. 113, 114, v. 106
- Ruamiga lake, Central Africa, xiv. 834
- Ruanda, Central Africa, iv. 10, xiv. 541
- Ruapehu mountain, vii. 202-214
- Rubattino and Co., purchases on the coast of the Red Sea, vii. 112, 113
- Rubiana, New Georgia Island, x. 360
- Rubruquis, on the Journey of, 1253-1255, Schmidt, vii. 617 †
- Rubus Schomburgkii*, vii. 247, 511, 530
- Ruby Mines, Burma, Gordon on, x. 261 \*
- Rück, Dr., excursion in the Batak country, ii. 137
- Ruckert, K. T., Nach Nord-Afrika, vii. 55 †
- Rucktäschel, Herr, on the influence of wind and rain in valley formations, xi. 609, 610
- Rucyeunes tribe of Central Guiana, xiii. 526
- Rudbar river, Persia, v. 148
- Rudkhāneh i Shār river, Persia, x. 627 *note*
- Rudkin, Mr., xii. 612
- Rudler, F. W., xii. 613; Europe (Stanford's Compendium), vii. 127 †
- Rudnef, M., expedition in Eastern Bakhara, ix. 433, 434
- Rudok plain, Tibet, v. 614; road between Polu and, ix. 732
- Rudolf, Lake, E. Africa, xii. 377; Teleki's discovery of, xi. 407, 408, 560; its hydrographical connection, Von Höhnell on, xi. 678
- Rudyān, or Fahlyun, river, Southern Persia, v. 161
- Rud-zerd, Persia, v. 151
- Ruelle, C. E., *Bibliographie Générale des Gaules*, ii. 389 †
- Ruenya, South-Central Africa, xii. 149
- Rufaa Jebeli, Bahrein Islands, xii. 7
- Rufji River, i. 529; Exploration of the, Beardall, iii. 308, 641 \*
- Ruge, Dr. S., on the cartography of Saxony, iii. 57; *Geschichte des Zeitalters der Entdeckungen* †, iii. 638, iv. 704, v. 626; *Abhandlungen und Vorträge zur Geschichte der Erdkunde* †, xi. 192, xiv. 731; Christoph Columbus, xiv. 579 †
- Ruge, Dr. W., *Beiträge zur Geographie von Kleinasien*, xiv. 870 †
- Rugen, island of, map of, Liebenow, xi. 399
- Rugg, R., Matabeleland, its Gold Fields, etc., xii. 770 †; map of the same, xii. 772
- Ruggles river, Grinnell Land, viii. 159
- Ruiki river, Central Africa, xiv. 42
- Ruhandā. *See* Ruanda.
- Rukagura stream, E. Africa, vii. 453, x. 95
- Rukananduo stream, E. Africa, vii. 662
- Rukshu ridge, explained, v. 615
- Rukuru river, Lake Nyasa, iii. 266
- Rukwa, or Leopold, lake and river, E. Africa, ii. 559, 561, 739, xii. 225, 226, 377, 729, xiii. 94-96; death of Dr. Kaiser at, v. 551
- Rûm, or Anatolia, Asia Minor, vi. 306
- Romania. *See* Roumania.
- Rumantsof cape, Alaska, iv. 665
- Rumanzoff, Count, Arctic expedition, ii. 9
- Rumbold, Sir H., the Great Silver River, ix. 520 †
- Rumiñahui mountain, S. America, xiv. 128
- Rumsey, Comm. R. M., survey of the Ancobra river and Axim gold district, v. 39.
- Rundall, Capt. F., *Manual of the Sizin Dialect*, xiv. 341 †
- Rundall, Lieut.-Gen. F. H., the River-systems of South India, viii. 681 \*
- Rung, Capt., sea-temperature thermometer invented by, vii. 178

- Rungwe peak, Central Africa, xiii. 89  
 Runn of Cutch, India, iv. 342  
 Ruu river, Shire district, vii. 336, 430, xiii. 265; 266  
 Rüppell, W. P. E. S., obituary of, viii. 654  
 Rupununi river, British Guiana, ii. 475  
 Rurubaque, Beni river, Bolivia, v. 335, 336  
 Rusaka, or Uakania, mountains, viii. 72  
 Rusambo, Mashonaland, xii. 149  
 Rusango lake, xiv. 836  
 Rusden, G. W., History of Australia and New Zealand, xii. 186†; remarks on visits to the eastern, etc., coasts of New Guinea, v. 516  
 Ruskem. See Raskem.  
 Ruspoli, M. E., expedition to Somaliland, xiii. 722  
 Russafa route, ix. 663, 664  
 Russell, Count H., Souvenirs d'un Montagnard, xi. 53†  
 Russell, H. C., on the distribution of rainfall in New South Wales, i. 520; rainfall map of the same, vi. 176; Results of Meteorological Observations in the same, ix. 718†; Source of the Underground Water in the Western Districts, xii. 182†  
 Russell, H. S., the Genesis of Queensland, etc., x. 543†  
 Russell, Lindsay, Report on Dominion Lands for 1880, iii. 379†; on Dominion surveys in the North-West, vi. 682  
 Russell, Lord Arthur, obituary of, xiv. 328  
 Russell, T. Cook, Geological History of Lake Lahontan, North-west Nevada, ix. 321†; on the glaciers of Mount St. Elias, xiv. 325  
**Russia—**  
 And its People, Roskoschny, v. 182†  
 And the Russians, Tissot, vi. 53†  
 Asiatic, progress of geographical knowledge in, since 1830, iii. 616  
 Atmospheric pressure in, distribution of, xiii. 50  
 Black earth of, xiv. 99  
 Boundary with Afghanistan—map of frontier district, Holdich, x. 58; question of, map illustrating, Keith Johnston, vii. 265; with China, delimitation of, iii. 736; with Persia, new, iv. 213, v. 430; map of, v. 54  
 Claims of, in the Pamir, xiv. 31  
 Commercial relations with Siberia, Morier on, xi. 55  
 Contributions to our Knowledge of, etc.†, viii. 208, xi. 392, xii. 185  
 Cossacks in, map showing distribution of, Choroschachin, v. 309  
 Disafforestation of, vii. 340  
 Early voyages and travels to, Morgan and Coote, viii. 600†  
 Emigration statistics of, iv. 141  
 French scientific expedition in, Ujfalvy†, ii. 324, 521  
 Geographical Society of—Annual of, xiii. 243†; Memoirs of†, x. 181-3, 736,

**Russia—continued—**

- 803, xi. 391, xii. 122, 184, xiii. 130;  
 Proceedings of†, viii. 535, ix. 60, x. 54, 180, xii. 49, 50, xiii. 187; of the Caucasus sect., viii. 402, x. 808, xii. 185; of the E. Siberian sect., ix. 130, 778, x. 48, 804, xi. 119, xii. 51, 185; programme for the collection of national judicial customs, xiii. 737; publication of Renat's old map of Dzungaria, iii. 736. See St. Petersburg.  
 Geography in—progress of, ii. 323, viii. 127, 272, xii. 566; (physical) vi. 474; teaching of, Mill on, xii. 669; geographical work in, Kaulbars on, xi. 697  
 Geological map of, xiv. 732  
 Handbook for travellers in, Murray, ix. 784†; (West and Mid) Baedeker, v. 367†  
 In Central Asia, Bastian on, xiii. 563; Stumm on, vii. 554†; in 1889, and the Anglo-Russian Question, Curzon, xi. 698†  
 Kingdom of, in Europe, vii. 553†  
 Lakes in, altitude of, viii. 270  
 Land surveys in, Schellurtz, vii. 403†  
 Little, Morgan on, x. 668  
 Map of, general, completion of, vi. 233; the oldest, Michow, vi. 424†  
 Maps of:—General Staff, iv. 328; Handtke, xi. 465; Illyne, i. 154; Imp. Geogr. Society, ii. 250; Kiepert (for schools), x. 56, 809; Tillo (altitude), vi. 611; Wipper (wall), iii. 251; Ziegler, vi. 538  
 Northern—exploration of Timan range, xi. 505; journeys in, Backlund, xiv. 865†  
 Of the distant East, Schperok, viii. 62†  
 Pendulum observations in, Morgan on, xiii. 168  
 Railway Advance of, into Central Asia, Dobson, xii. 435†  
 Railways of, maps of—vi. 358, viii. 348, ix. 327, 463; Raab, xi. 465, xii. 367; (and navigation) Ravenstein, v. 309  
 Rainfall of, Wild, x. 252†; map of, *id.*, x. 257  
 South, coal-fields of, report on, Wagstaff, x. 305  
 Surveying in, vii. 684; topographical, Dalton on, xiv. 237  
 Temperature, map of, Wild, iii. 640  
 Western, maps of, vi. 107, 358, vii. 130, viii. 348, ix. 463, x. 322  
 Woody Plants in, Distribution of, Köppen, xii. 119†  
 Russia lake, Tibet, vii. 171  
 Russian range, Tibet, vii. 812, xiii. 100  
**Russian—**  
 Advance in Afghanistan, iv. 336  
 Army—its Campaigns in Turkey, 1877-78, Greene, ii. 458†; numbers, positions, etc., of, map showing, x. 400, xi. 465

**Russian—continued—**

Campaign against the Akhal Tekke  
Turkomans, Marvin, iii. 114 †

Charts, lecture on, xiv. 877

Colonization—in Siberia, Castonnet-  
Desfosses on, vi. 478; in the Syr-  
daria region, xi. 174; in the Trans-  
Caspian territory, x. 858; in Turkis-  
tan, xiv. 887

Communication with Persia, importance  
of, v. 122

Enterprise in Eastern Turkistan, xii.  
92

Ethnographical journal, new, xii. 619

Exhibits at the Venice Geographical  
Congress, iii. 754

Expeditions—Arctic, of last century, i.  
19; to Central Asia, Bolyr, ix. 508;  
Pevtsou, xi. 170, 563; xii. 19\*, 161\*,  
xiii. 99\*; to Hissar, Kärateglin and  
the Pamir, i. 64; to the Tian-Shan,  
viii. 332; to Northern Asia, ix. 50,  
54; to the Gulf of Obi, iv. 61; to the  
Lena Delta and New Siberian  
islands, viii. 393, ix. 51, 117, 577;  
to the Pamir, i. 209; projected, xi.  
309

Explorations, and Geographical Work,  
v. 389\*, viii. 401, ix. 423\*, x. 170,  
172, 247, xii. 296, xiv. 371, 719; in  
Asia, i. 356, 591, iii. 490, iv. 105, 240,  
243, vi. 474, 477, 591, x. 414, xi. 563,  
409, xii. 379, 466, xiii. 383, 557; in  
Caucasia, xiv. 409; in Saghalien, iv.  
610; in Western Siberia, ii. 766; of  
the Black Sea, xiii. 171, 561; of  
the Oxus, i. 145; of the old bed of  
the same, i. 342, ii. 68, 187; of the  
Tunguska and Olenék rivers, Müller,  
iv. 576 †

Geographical work. See Explorations.

Mission in Afghanistan, etc., v. 302 †

Naturalists, work in Asia, x. 596, 597;  
and geographers, congress of, at St.  
Petersburg, xii. 296

Polar meteorological expeditions and  
stations, iii. 113, iv. 91, 232, v. 231,  
390; at the mouth of the Lena, iv.  
91, v. 231; Observations at, Eigner †,  
viii. 749, ix. 522

Railways and improvements in Persia,  
v. 134, 135

Rule, east of the Caspian, advantages  
of, v. 18

Staff Corps, Mil. Topogr. Sect., Memoirs  
of †, viii. 539, xi. 124, 390, xii. 439;  
Work of, v. 392, ix. 432; Venukoff  
on, xi. 311; exhibition of geodetical  
and topographical work of, xii. 566

Surveyors, discrepancies between the  
Indian Explorer M. S. and, vi. 507

Surveys of the Caucasus, x. 634, 687, xi.  
676; in the Kirghiz Steppe and  
Turkistan i. 384; from the Oxus to  
Herat, i. 387; in the Trans-Caspian  
region and Trans-Caucasia, v. 392;  
in Turkey during 1877-1879, ii. 768

**Russian—continued—**

Trade by the Trans-Caspian railway,  
xi. 292, 294

Universities, chairs of geography at, ix.  
440

Russians at Merv and Herat, Marvin, vi.  
235 †

Russo-Germanic Geological plain, xiv.  
646

Rust, Capt.-Lieut. von, Die Deutsche  
Emin Pascha Expedition, xiii. 443 †

Rustamabad, Southern Persia, v. 158

Rutenberg, Dr. C., journeys in Mada-  
gascar, i. 220, xiv. 738

Ruterwool district, New Britain, iii. 91

Ruthenia, notes of a journey in, Dowie,  
xii. 674

Rutherford, Dr. G., visit to the Batanga  
district, W. Africa, ii. 693

Rutimeyer, L., Brittany, v. 48 †

Rutopi (Utope) river, Matabeleland, x.  
295

Ruvno valley, Lake Nyasa, i. 301

Ruvu, valley of the, vii. 154

Rawenzori mountain, Central Africa, xi.  
270, 720, 721, xii. 170, 322, 324, 325,  
332, xiii. 540; ascent of, Stairs, xi. 726

Ruxton, Capt. F., on the state of the naval  
surveys, i. 734

Ruz-i-ravat pass, viii. 33

Ruzmuk plain, i. 52

Ryall, E. C., Trans-Himalayan surveys  
of, i. 444

Ryder, Admiral, proposals respecting prize  
medals to naval officers, etc., ii. 253, iii.  
106; obituary of, x. 423

Ryder, Lieut., Polar meteorological expedi-  
tion under, iv. 232; expeditions in  
Greenland, x. 238, xii. 292, 468, xiii.  
287, xiv. 711; Den Østgrønlandske  
Expedition; xiv. 809 †

Rye, Ed. C., obituary of, vii. 184; fund  
for the benefit of his widow, vii. 387

Rykachef, M., Cronstadt Anemograph  
Monro, xi. 392 †; Über den Auf- und  
Zugang der Gewässer des Russischen  
Reiches, ix. 458 †

## S

Saarlonis, map of the neighbourhood of, v.  
627

Sab or Rahanwin, country of the, vi. 265

Sabeans, Notes on the, Houtum-Schindler,  
xiii. 663\*

Sabah or North-East Borneo, v. 90

Sabak, Borneo, New Maharajahate of,  
Selater, i. 121

Sabaki river, Galla country, iv. 372, xii.  
134, xiv. 818

Sabatier, C., Touat, Sahara, et Soudan,  
etc., xiv. 872 †

Sabi river, Gazaland, xiii. 589, xiv. 292,  
300, 301; explorations near the head  
waters of, Selous, vi. 284; survey of the  
Delta, etc., of, Phipson-Wybrants, v. 271

- Sabine, Cape, viii. 169; Groely expedition's winter quarters at, vi. 465  
 Sabine, Gen. Sir Ed., death of, v. 560; obituary of, v. 491  
 Sachau, Prof. E., map of route in Syria, etc., iv. 453; Travels in Syria and Mesopotamia, v. 743 †; Zur Historischen Geographie von Nordsyrien, xiv. 725 †  
 Sachot, O., Récit de Voyages, Nègres et Papous, i. 814 †  
 Sachs, C., Aus den Llanos, Reise nach Venezuela, i. 78 †  
 Sacha (Saitu), Central Asia, v. 100, vii. 71, 85, 86, ix. 217, 747  
 Sachue, town of, Guatemala, v. 191  
 Sacred Books of the East, the, Max Müller †, viii. 474, xii. 439  
 Saddle mountain, New Guinea, Hellwig's ascent of, xi. 607  
 Sadiyi bay, New Guinea, vii. 173  
 Sadiya, flood discharge of Brahmaputra above, vii. 230; nanghur or rest-house for the Abors at, viii. 321; route from, to Padoo, ix. 36  
 Sadleir, Capt., journey in Arabia, ii. 100  
 Sadong river, N. Borneo, iii. 195  
 Sadovnikof, D. N., Sayings and Traditions of the Samara Country, viii. 209 †  
 Sa'du-d-din island, graves at, vii. 664  
 Sadler Ali Khan, xiv. 222  
 Sâfi tribe, Kafiristan, iii. 284  
 Safid Koh, i. 38, *et seq.*, 619, 623, 626, 629; inhabitants of the, i. 46  
 Safidab or Dâlichai, Persia, v. 64  
 Sagala, country and village of, v. 538, 581, vii. 453  
 Sagalind river, N. Borneo, iii. 592  
 Sagallo, Red Sea, vii. 109  
 Sagari-Marda pass, i. 65  
 Sagastyr island, Lena river, Russian meteorological station at, v. 378  
 Saghâd village, xiii. 287, *and note*.  
 Saghalien island, ii. 701; journeys in, Martin, iv. 105; Poliakov, iv. 109, 610, vii. 53 †; map of, vii. 191; note on, Anderson, ii. 567  
 Sagharian, Turkistan, vi. 510 *and note*.  
 Saghri-Dasht river, Turkistan, vi. 499  
 Saguasasi river, Caucasus, xiv. 175  
 Saryz river, i. 384  
 Sahama. *See* Sajama.

#### Sahara—

- Algerian, viii. 733; journey through, De Bort, x. 648; projected inland sea in, Roudaire, iv. 377  
 And Sudan, France in, Mercier, xi. 571 †; Nachtigal's work on, i. 610 †, iv. 121, xi. 571; salt commerce of, De Crozals, viii. 344 †  
 Dedicacion of, xi. 250  
 Dunes of, Rolland on, xii. 357; (and underground waters), Courbis on, xii. 298  
 Expeditions in—Flatters, ii. 123, 433, iii. 52, 184, 224; Fourcau, xii. 428, 554, xiv. 559; Méry, xiv. 707; Spanish, viii. 723

#### Sahara—continued—

- Formation of, iv. 629, *et seq.*  
 Four months in, Bernard, iii. 502 †  
 Journeys in, Chavanne, i. 848 †; from Algeria to the Niger, Laroche, i. 741 †  
 Lybian desert, climatic changes of, iv. 634; geological history of, iv. 636  
 Origin and character of, Murray on, xii. 464  
 Physical character of, xii. 622, 623; geography of, Cornu on, iv. 439, viii. 131 †  
 Railway, proposed, across, ii. 183, 433; Duponchel on, i. 149 †; map of, vi. 488; Rolland on, xii. 299; survey for, Flatters. *See* Expeditions.  
 Rain in, v. 428  
 South-Western, and Trarza country, Fabert on, xiv. 338  
 Souvenirs of a Mission to El Golea, Choisy, iv. 120 †  
 Subterranean waters of, Rolland on, xiv. 324  
 Western, Douls' journey in, ix. 760; his assassination, xi. 561  
 Sahara-i-Karnah-Aghaj, Persia, v. 712  
 Sai valley, floods in the, xiii. 407  
 Saiad, Indian explorer, v. 553  
 Saighan valley, Central Asia, i. 253  
 Saigon, notes on (and Cochinchina), Tremlett, i. 391; school of interpreters at, Hamy on, viii. 339; telegraph between Bangkok and, iv. 438  
 Saile, F. X., Wandkarte des Kreises Olpe, iv. 192  
 Sailing directions, published by the Admiralty, vii. 807  
 Sain Noir tribe, Central Africa, x. 497  
 St. Aignan (Misima) island, Louisiades, xi. 533  
 St. Ambrose and St. Felix islands, geographical features of, iii. 104; surveys of, ii. 420  
 Saint-André, A., Le Mexique Aujourd'hui, vi. 236 †  
 St. André, H. P. de, La Colonisation de Madagascar sous Louis XV., viii. 672 †  
 St. Andro, population of, letter from W. Robinson on the transfer of the, i. 134  
 St. Augustin island, xii. 402  
 Saint Bernard pass, Little, viii. 639, 642, 644  
 St. Bria, T. de, Di-discovery of the Name of America, x. 398 †  
 St. Elias, Mount—  
 Climbing of, Williams, xi. 317 †  
 Crater of, xi. 430  
 Explorations of the district of, xii. 290, 382; Seton-Karr, ix. 52, 269 †; Topham, xi. 424  
 Glaciers of, Russell on, xiv. 325  
 Height of, ix. 271, 282, xiii. 84, 85; Heilprin on, xii. 754  
 Position of, ix. 271, 272; Dall on, ix. 444; Davidson on, xi. 611; Seton-Karr on, xi. 433, 683  
 St. Gothard railway, map of the, iii. 508

- St. Jerome, the Pilgrimage of the Holy Paula, transl. Stewart, ix. 323 †
- St. Joaquim, Brazil, ii. 482
- St. John, Capt. H. C., Notes and Sketches from the Wild Coasts of Nipon, iii. 189 †
- St. John, Col. Sir O. B. C., v. 712; surveys on the Afghanistan expedition, i. 64; on Merv and its surroundings, iv. 356; obituary of, Goldsmid, xiii. 434
- St. John. C. L., on cinchona cultivation in Réunion, ix. 578
- St. John, Sir Spencer, Hayti, or the Black Republic, vii. 696 †
- St. John or D'Epinette fort, v. 652, 653
- St. Joseph river and district, New Guinea, x. 33, 248, xii. 692; Du Chillaud on the, x. 389; journey up the, Cameron and English, xi. 48
- St. Kilda and the St. Kildians, Connell, ix. 392 †
- St. Lawrence, lower basin of the, and lake region of Labrador, Laflamme on, vi. 681
- St. Louis, railway from, to Dakar, progress of, v. 175
- St. Marie and Nossi-bé islands, area and population of, vi. 628
- St. Martin, V. de, Atlas Universel de Géographie Moderne, i. 415, iii. 256, vi. 364, vii. 495, viii. 679, ix. 729 x. 484, xi. 467, 580, 640, 704, 759, xii. 127, xiii. 512, xiv. 351, 816; Nouveau Dictionnaire de Géographie Universelle, i. 347 †
- St. Michael island, Azores, a few notes on the, Kettle, ix. 205
- St. Michael's, Alaska, iv. 662
- St. Michael's Mount island, Fernando de Noronha, x. 426, 430
- Saint-Michel, Mont, La Baie du, Potiche, xiv. 806 †
- St. Paul de Loanda. See Loanda.
- St. Petersburg Academy of Science report, xiii. 181; Imp. Geogr. Society, jubilee meeting of, 1880, ii. 323; proceedings of, i. 146, 221, 281, 341, 403, ii. 68, 137, 388, 778, iii. 57, 113, 374, 635, iv. 108, 244, 768, 770, v. 45, 46, vi. 163 (see also Russia); international Polar conference at, 1881, iii. 635
- St. Pol Lias, Brau de, journey in the Eastern Archipelago, etc., ii. 233, v. 496; Perak, v. 305 †; report on the earthquake at Sunda Straits, v. 737; Ile de Sumatra, vi. 169 †; De France a Sumatra, vi. 543 †; on eruption of Krakatau, viii. 59
- St. Thomas, Gulf of Guinea, maps of, viii. 413, xiv. 67; *id.*, Greeff and De Arango, vi. 361
- St. Thomas, West Indies, commerce of, Taylor, xiv. 638; harbour of, xiv. 473
- Saipan island, Marche's explorations in, ix. 759
- Saisi river, E. Africa, xii. 225, xiii. 93
- Saita. See Sachu.
- Saja, chief, v. 522, 524, 525
- Sajama, cone of, La Paz river, v. 344
- Sakai tribe, Malay peninsula, x. 121, xiv. 539
- Sakulava plain, Madagascar, xiii. 560; tribe, i. 663, v. 402, xi. 301
- Sakhalin. See Saghalien.
- Sakhi-Sawar pass, i. 56
- Sakkan river, Persia, v. 716
- Sakkar, railway from, to Candabar, ii. 241
- Salaam glacier, Caucasus, xiv. 111
- Salado river, Gran Chaco, viii. 337
- Salaga town, Gold Coast, viii. 246, 722; Basal missionaries' visit to, viii. 253
- Salamanca glacier and peak, Caucasus, xi. 360
- Salar tribe, ix. 234
- Sálash, Southern Persia, v. 69
- Salawat pass, Caucasus. xiii. 314, 315
- Saleijer island, map of, Engelhard, viii. 608
- Salinas de Garcimendoza, Bolivia, iv. 673
- Salinas, Rio, Guatemala, v. 196, 202
- Salis, M. de, plan for moderating strength of Swiss streams, xiii. 690
- Salisbury, Fort, Mashonaland, xiii. 12; position of, xiii. 18 note, 609
- Sallala town, viii. 100
- Salle, Cavalier de la, discovery of the Ohio and Mississippi, ii. 320
- Salmon, Alexander, agent of the "Maison Brander" of Tahiti, v. 40
- Salor Turkomans, iii. 542
- Salt river, Athabasca, v. 643, 648
- Salta, province of, map of south division of, Brackebusch, v. 630
- Salton lake, Colorado desert, xiv. 311
- Saltykof, N., on the Mean Sea-level at Cronstadt, xi. 392 †
- Saluinan Bashii peak, height of, xii. 284
- Saluinan Chiran névé and pass, Caucasus, xi. 671, 675
- Salvadori, Count, work on birds of New Guinea, v. 516
- Salvator, Ludwig, Paxos and Antipaxos, x. 47 †
- Salvin, O., on Markham's visit to the Galapagos islands, ii. 755
- Salwin river, vii. 295, 317, viii. 1, 484, ix. 363, xiii. 685; origin and orthography of the name, xi. 92; source of the, Gill and Black on, v. 664; Hallett on, iv. 318; De Rhins on, x. 170; Walker on, ix. 252 †; upper, proposed exploration of, Agnew, ix. 170
- Salwin valley, unhealthiness of, i. 503
- Salyra, settlement of, at Zúr-abád, v. 11
- Salzburg, etc., maps of—xii. 54; (relief), ix. 655; Alps of, Ravenstein, ix. 592
- Salzkammergut, maps of—xii. 54; Maschet, viii. 540; Ravenstein, ix. 592
- Sama or Simé, Tibet, v. 100
- Samana bay, chart of, vi. 428
- Samana range, xiv. 182
- Samanez y Ocampo, J. B., Exploration de los Rio: Apurimac, etc., xi. 59 †
- Samara Country, Sayings and Traditions of the, Sadovnikov, viii. 209 †
- Samarkand, town of, xi. 289; railway to see Trans-Caspian; road from, to Karshi iii. 730

Samayme, distance from, to Mohammerah, v. 156  
 Samba district, Central Africa, xiv. 179  
 Sambalulu, volcanic cone, Central Africa, vii. 606  
 Samburu or Rudolf lake, Count Teleki's discovery of, xi. 407, 408, 560  
 Samiría, tributary of the Amazons, iii. 739  
 Sam-keuk-san or Three-horned mountain, viii. 297  
 Samoa haven, German New Guinea, viii. 332  
**Samoa Islands**, viii. 559, 566—  
   Correspondence respecting, xi. 463 †  
   Maps of—Heikt, xi. 402; illustrating treaty with Germany, i. 750  
   My Consulate in, Churchward, ix. 651 †  
   Notes on, Marques, xi. 463 †  
   Samoa a Hundred Years Ago and long before, Turner, vi. 357 †  
   United States Documents on, xi. 635  
*Samoa*, Visits to New Guinea in the, 1884-85, Finsch, xi. 121 †  
 Samone valley, Burma, x. 262  
 Samoyede people, *Novaya Zemlya*, ii. 19  
 Sampaio, E. J. F., *Exploração dos Rios Itapetininga e Parapanema* (map), xii. 253  
 Sampson, V., Kafir wars; their origin and history, i. 204  
 Sam Sams, tribe of, Siam, x. 121  
 Samuells, Capt., surveys in the Afghanistan expedition, i. 64, 256  
 Samuelson, James, Romania, Past and Present, iv. 573 †; Bulgaria, Past and Present, x. 251 †; India, Past and Present, xii. 186 †  
 Samur river, Caucasus, xiii. 319, 321  
 San Ambrosio and San Felix islands, history of, iii. 180  
 San Antonio, Rio, Brazil, x. 62, 78  
 San Antonio, Madeira river, temperature at, viii. 363  
 San Benito river, vii. 817  
 San Bernadino, Rio, latitude of, xii. 415  
 San Buenaventura, Bolivia, v. 335  
 San Christoval, or Bauro island, xii. 414-416  
 San Domingo. *See* Santo Domingo.  
 San Fernando rapid, Bolivia, v. 339  
 San Fernando town, Orinoco, x. 100  
 San Francisco, geographical society at, proceedings of, 1881, iii. 740, 761  
 San Francisco river, Brazil, viii. 357, 361, 363  
 San Joaquin river, Bolivia, iii. 408  
 San Jorge, Uruguay, journey to, Christison, ii. 665, *et seq.*  
 San José, Bolivia, v. 329, 335, x. 62, 69  
 San Juan river, platinum from, v. 257, 258; valley of the, v. 255  
 San Juan de Cesar, Colombia, i. 691  
 San Pablo and San Pedro volcanoes, xiv. 709  
 San Pablo, copper mines at, v. 261  
 San Paulo. *See* São.

San Remo, Western Riviera and, Hassall, i. 808 †  
 San Salvador, Cent. America, Catalogue of Exhibits at the Paris Exhibition, 1889, xi. 635 †; Topography of, Guzman, vi. 103 †; Volcanic Phenomena in the Lake of Tlopanco in, Rockstroh, ii. 710 †  
 San Salvador, West Africa, i. 235, v. 693  
 San Sebastian de Rábago, Colombia, i. 692  
 Sanaa, town, Yemen, ix. 484  
 Sand, wind-driven, surface action of, Stone on, viii. 192  
 Sanda country and people, xiv. 438  
 Sandakan bay, N. Borneo, iii. 592, x. 24  
 Sandakphu, Mount, viii. 91  
 Sandemann, E. F., Eight Months in an Ox-waggon, ii. 141 †  
 Sandeman, Lieut.-Col. J. E., iii. 400; survey of routes in Afghanistan, ii. 223; the River Irawadi and its Sources, iv. 257 †; examination of the Upper Irawadi, iv. 560; remarks on the Irawadi, vii. 303; survey work in India, x. 650  
 Sandeman, Sir R., expedition to S.E. Beluchistan, v. 720; Zhob and Gomul expedition, xii. 169; tour in Baluchistan, xiii. 173, 228; surveys in India, xiii. 401; on the new trade route between Persia and India, xiv. 123; obituary of, xiv. 187  
 Sanderson, J., notes to accompany sketch maps of the Zulu and Amatonga countries, i. 204  
 Sandfell, Iceland, xiv. 847  
 Sandwich, or Vaté island, viii. 548; Brown's visit to, iii. 216  
 Sandwich islands, map of, ix. 725; work on, Auer-Elmpt, vi. 544 †  
 Sandwith, T. B., on the forests of Tunis, ix. 682  
 Sandys, J. E., An Easter Vacation in Greece, ix. 315 †  
 Sanga country, Central Africa, xi. 76  
 Sanga river as the probable source of the Lohit Brahmaputra, ix. 365, 369  
 Sangai volcano, Ecuador, iii. 457, 458  
 Sangala, or Isangila Falls, Congo, v. 699  
 Sangara country, xiv. 450  
 Sangareah bay, vii. 183  
 Sangay mts., S. America, xiv. 127  
 Sangazi river, Central Africa, xii. 746  
 Sangbur, vii. 165  
 Sang-chu river, Tibet, ix. 226  
 Sangei Tenok river, Malay Peninsula, xiv. 536  
 Sanger, E. B., on the topography of the eastern region of S. Australia, iii. 496  
 Sangha river, West Central Africa, xiii. 687; Cholet's explorations of, xiii. 38  
 Sanghar and Sakhi-Sawar passes, i. 55  
 Sangir islands, Malay Archipelago, description of, i. 667  
 Sangpo. *See* Sanpo.  
 Sangururua hill, Central Africa, xiii. 688  
 San-ho city and river, China, v. 23  
 Sanich Dawan, Turkistan, xiv. 782



- Sanieduleh, Mohammed Assan Khan, on the district of Talegun, vii. 399
- Sankuru river, W. Africa, v. 174, vii. 739, xiv. 178; and Upper Kassai, explorations on the, by Dr. L. Wolf, ix. 640. *et seq.*; latitude, longitude, and comparative volume of, viii. 628; original map of, and its tributaries, x. 247
- Sannabor island, purchase of, vii. 113
- Sannaga river, Cameroons district, xii. 464, xiv. 324
- Saupo (Yaro, or Yarkiu) river, Tibet, v. 169, 236, 488, vii. 76, 82, 87, 294, viii. 425, ix. 353; course of, and supposed connection with the Irawadi, Desgodins on, iii. 314; Gordon on, iv. 559; Hallett on, iv. 317-321; Sandeman on, iv. 258, *et seq.*; discharge of, above Chetang, vii. 321; eastern basin of, ix. 370; explorations of, i. 273, 354, 593, ii. 370, iv. 258, *et seq.*; identity with the Dihong, viii. 99; its Tibetan name (Yarkiu-Saupo), vii. 312; map of part of, ii. 205
- Sans, R. M., *Importancia y necesidad del Estudio de la Geografía*, x. 744 †; *Memoria Historica del Colegio de Misiones*, xi. 193 †
- Sau-sing, town of, ix. 554
- Santa river, Peru, v. 267
- Santa Ana, Bolivia, v. 329, 331
- Santa Anna and Catalina, Solomon Islands, latitude of, xii. 415, 416
- Santa Anna Nery, Baron de, on the death of Mr. Bates, xiv. 249
- Santa Catharina, Cape, West Africa, v. 229
- Santa Cruz, Colombia, i. 683; General Information on the Province of, Viedma, viii. 211 †
- Santa Cruz de Mar Pequeña, N.W. Africa, *Memoria Sobre*, Galiano, i. 405 †
- Santa Cruz, Yucatan, ii. 131; journey from British Honduras to, Miller, xi. 23 †; Indians of, ii. 581, xi. 27
- Santa Fé de Antioquia, city of, Colombia, v. 255
- Santa Fé de Bogotá. *See* Bogotá.
- Santa Fé, province of, Argentine Republic, census of, 1887, xi. 316; Geographical Description of, and Statistics of, Carrasco, vi. 543, viii. 410; map of, x. 259
- Santa Felicidad rapid, Bolivia, v. 339
- Santa Maria de la Concepcion, island of, xiv. 595
- Santa Maria of Columbus, the, xiv. 700
- Santa Marta, Colombia, early history of, iii. 721; Sierra Nevada of, Topography, etc., of, Simons, i. 689 †, iii. 705 †; *Voyage à*, Reclus, iii. 576 †
- Santa Rosa, Bolivia, v. 329, 339, xii. 229
- Santarem, Vic. de, *Memoria Sobre o Estabelecimento de Macau*, i. 740 †
- Santiago, Cape Verde islands, plan of Porto da Praia in, ix. 211
- Santiago, Solomon islands, latitude of, xii. 415
- Santini, *Dictionnaire général des Communes de France et des Colonies*, i. 283 †
- Santo Antão island, maps of, ix. 593
- Santo Domingo, journey into the highlands of, Eggers, x. 239; map of, Leyritz, vii. 700; Meteorological Observations in, xii. 771 †; Report of American Commission of Inquiry to, vii. 696 †; Republic of, at the Paris Exhibition, 1889, xi. 634 †
- Santo-lo river, Central Asia, xiii. 214
- Santorin and its Eruptions, Fouqué, i. 282 †
- Santos, F. J. dos, Ethiopia Oriental, xiv. 808 †
- Santurce, Spain, nautical school at, iv. 301
- Santvoort, Lieut. Schouw, expedition to Sumatra, i. 763, 776
- Sanyati river, Central Africa, iii. 170
- Sanu tribe, Kafiristan, iii. 291, 292
- São Bom Jesus da Lapa, limestone formations near, viii. 361
- São João del Rey, barrancas near, viii. 366
- São João do Sul, S. W. Africa, v. 459
- São Paulo province, condition of trade in, Bennett on, x. 383; Journey in, Holme, ix. 108 \*
- São Pedro do Rio Grande do Sul, map of, xii. 189
- Sapão river, Brazil, viii. 362
- Sapeto, Prof. G., Ethiopia, xii. 640 †
- Saporta, Count, on ancient Polar vegetation, i. 68; on the laws of distribution, iii. 606
- Sapper, Dr. K., Visit to Lake Yzabel, Guatemala, xiv. 804, 874 †
- Sapporo, growth of, i. 275
- Saracocha, altitude of, Peru, xii. 229
- Saraghat pass, Turkistan, xiv. 781
- Sarak, Persia, v. 59
- Sarakhs, iv. 218, 219, v. 3, 16; Journeys to, Lessar, iv. 486 †, Radde, viii. 720; Old, Salyrs at, v. 11; position of, iv. 566; roads from, to Herat, v. 7, 15
- Saramethi peak, Upper Burma, ix. 40, xi. 197
- Sarapion, ancient town in Africa, xiii. 525, 526
- Sararé, Rio, Brazil, viii. 354
- Sarasara mount, Peru, xii. 291
- Sarasin, Dr. F., on the geographical conditions of the island of Ceylon, ix. 391
- Sarasin, Dr. P., on the Veddas of Ceylon, xiii. 232
- Saraswati river, vii. 705, *et seq.*, 715
- Sarat Chandra Das, Back premium awarded to, ix. 311, 454
- Saratoga hill, Afghanistan, i. 626
- Sara-urcu mt., Ecuador, Whymper's ascent of, iii. 466-469
- Sarawak, Notes on, Crocker, iii. 193 \*
- Sarbadhicary, S., A Sojourn in India, xiii. 239 †
- Sardinia, general map of, xiv. 199; Simonet's map of, vi. 174
- Sardinia and the Sardes, Edwardes, xii. 568 †; Bird's-eye View of, in 1882, De Bellet, vi. 235 †; map of, xiv. 199; *id.*, Simonet, vi. 174; Resources of, Tennant, vii. 829 †

- Sardoba Chil-gumbez, iii. 726  
 Sargasso Sea, map of, xiii. 447; Kruttmel on, xiii. 613; researches of the *Talisman* in, vi. 95  
 Sargent, Prof. C. S., maps accompanying report on forest trees of N. America, vii. 560; *Verteilung der Vegetations-Formationen Nord-Amerikas* (map), viii. 608  
 Sarhad town, xiv. 19  
 Sari-jas, glacier groups on the upper course of the, x. 598  
 Sari-kash-ban pass, viii. 41  
 Sarik Turkomans, vii. 282-289, 565, 566  
 Sarik-Tuz-Su river, Central Asia, xii. 163, 164  
 Saripul river, i. 387  
 Sarjektjakkö mountain, Sweden, vii. 611, viii. 58  
 Sarlat range, ii. 231  
 Sarmiento, A. de M., Delta do Zambeze (map), iv. 254  
 Sarpo Laggo river, Turkistan, x. 507  
 Sarsaparilla plant, ii. 195; on the Athabasca, v. 639  
 Sarahela river, viii. 331, 332  
 Sart tribe, Central Asia, ii. 497, xii. 28  
 Saruk tribe, Persia, iii. 542  
 Sar-Ulang pass, Hindu Kush, i. 115  
 Sary-Kamish basin, Central Asia, iv. 170, ix. 626, xiii. 296, xiv. 236  
 Sary-tagh river, viii. 35  
 Sásir pass, height of, xii. 90  
 Saskatchewan river, ii. 579, v. 633, 644; depth of frozen soil at the, viii. 743, 744  
 Sassanian sepulchres in S. Persia, v. 144  
 Sat glacier, Himalayas, xiii. 410  
 Satgumbaz ruins in the Sundarban, xiii. 281  
 Satow, E. M., Handbook for Travellers in Japan (in part) †, iii. 441, vi. 355; essay towards a bibliography of Siam, ix. 587; remarks on Siam, x. 129; the Jesuit Mission Press in Japan, 1591-1610, xi. 120 †  
 Satsuma province, Japan, ix. 100  
 Sauer, A., Die Alte Neckarbetten in der Rheinebene, xiv. 867 †  
 Sauley, F. de, Jérusalem, iv. 120 †  
 Saunders-Forster, C. G., Beneath Parnasian Clouds, etc., ix. 316 †  
 Saunders, Trelawny, map of the Khaibar, Karkatcha, and Kurram passes, i. 156; of Kabul and surrounding country, ii. 333; of surveys of ancient Babylon, etc., viii. 479; on the sources of the Irawadi river, iv. 267; the journey of A. K. on the frontiers of India and China, vi. 667; on dominion surveys, vi. 675; atlas of India, xi. 523; remarks at evening meetings, i. 682, ii. 304, 651, iii. 297, vi. 396, viii. 729, ix. 703  
 Sávák, lake and town of, Persia, x. 624, 625 note; river, x. 626 note.  
 Savannah of British Guiana, ii. 466, 477-483  
 Savanais Indians, Athabasca, v. 649  
 Save, the Danube, and the Balkan, Leger, vi. 168 †  
 Saveliëff, M., on the substitution of hypsothermometers for mercurial barometers, xi. 179  
 Savo island and natives, x. 373, xii. 397, 415  
 Savoureux, M. Le, explorations in the Cororah region, W. Africa, vi. 298  
 Savoy, landships in, vi. 339; glacial catastrophe in, xiv. 550  
 Saxaul shrub of Central Asia, ix. 216  
*Saxifraga*, distribution of, in Alpine Flora, i. 577  
 Saxony, Calendar and Statistical Year-book of, x. 47 †; cartography of, Ruge on, iii. 57; maps of:—Bamberg (school, wall), ix. 592; Bomedorff, iii. 765; Kullmann (school), v. 440; (topographical), iv. 328, vii. 199, xii. 367; (geological), x. 655, xii. 187  
 Saya de Malha bank, survey of, iv. 556  
 Scandinavia, changes of level in, Girard on, vii. 542; geological map of, xii. 367; political wall-map of, ix. 787  
 Scandinavians, Ancient, The Vineland Excursions of the, Löffler, viii. 411 †  
 Scaramucci, F., Notizie sui Danakil, vii. 618 †  
 Scassy, M., explorations in the Pamir, ii. 504; in the Chinese Empire, xi. 311  
 Schaff, P., Through Bible Lands, i. 151 †  
 Schandau, map of environs of, Dachselt, iv. 578  
 Scheda, J. R. von, General-Karte der Balkan-Länder, ii. 464, xiv. 65; map of the Austro-Hungarian kingdom, v. 627  
 Schefer, Ch., Relation de l'Ambassade au Kharezm de Riza Gouly Khan, i. 810 †; Relation du Voyage de Nassiri Khosrau en Syrie, etc., iv. 120 †; Le Voyage de la Sainte Oyté de Hierusalem, iv. 772 †  
 Schelle, Herr van, exploration of the island of Flores, xii. 467  
 Schellong, Dr. O., Die Jábim-Sprache der Finschhafener Gegend, xii. 642 †  
 Schellurtz, D., Die Landesaufnahme in Russland, vii. 403 †  
 Schenck, Dr. A., Das Gebiet zwischen Angra Pequena und Bethanien, vii. 346 †; on the geological features and gold fields of the Transvaal, etc., x. 249, 442; Geologische Skizzen von Süd Afrika (map), x. 612; explorations in Nama Land and Herero Land, xi. 183, 184  
 Schenck, Herr F. von, journey in South America, iv. 177  
 Scherzer, Dr. K. von, Die Wirtschaftliche Leben der Völker, ix. 135 †  
 Schiller, Prof., on the Pass of Hannibal, viii. 641, 643  
 Schiltberger, J., the Bondage and Travels of, trausl. Neumann, i. 744 †; map illustrative of the travels of, Telfer, i. 816  
 Schimpff, F., Küstenkarte des Adriatischen Meeres, ii. 143

- Schindler. See Houtum-Schindler.
- Schindler, Rev. F., trip across the Upper Zambesi, xiv. 632
- Schinz, Dr. Hans, explorations in South-Western Africa, viii. 650, ix. 243, 584; Durch Süd-West Africa, ix. 714; Deutsche Süd-West Africa, xiii. 507
- Schirmer, H., Le Touat, xiv. 727
- Schlachten-Atlas des neunzehnten Jahrhunderts, viii. 352
- Schlagintweit, The Brothers, Das Kaiserreich Ostindien, nach der Reisen der Brüder S., Werner, vi. 608
- Schlagintweit, E., Indien in Wort und Bild, ii. 140
- Schlagintweit, H. von, Reisen in Indien und Hochasien, i. 810; measurements of the Brahmaputra, vii. 320; on Mont Everest, viii. 89, 878, 179
- Schlagintweit, Robert von, Die Pacificischen Eisenbahnen in Nordamerika, viii. 537
- Schlegel, G., Fou sang Kouo, xiv. 570
- Schleicher, A. W., Afrikanische Petrofakten, xiv. 63
- Schleinitz, Admiral von, explorations in German New Guinea, viii. 719, ix. 120, 309, x. 33; exploration of the coast of New Britain, x. 303; map of the coast of Kaiser Wilhelm's Land, xi. 607
- Schleinitz, Capt., report on the expeditions for Polar scientific observations, iv. 569
- Schleswig, population of, Hansen, xiv. 658; schemes for a harbour on W. coast of (map), xii. 367
- Schleswig-Holstein, flora of, map of, Krause, xi. 399; forests of, xiv. 800; railway and road map of, Seelig, ii. 656; school wall map of, Kiepert, v. 812
- Schley, Commander, Greely relief expedition under, vi. 154, 367; the rescue of Greely, vii. 489
- Schlichter, Dr. H., Ptolemy's Topography of Eastern Equatorial Africa, xiii. 513; the geography of South-West Africa, xiii. 683; the Pygmy Tribe of Africa, xiv. 503; celestial photography as a handmaid to geography, xiv. 714
- Schliemann, Dr. H., Ilios Stadt und Land der Trojaner, iii. 61; Troja: Researches on the site of Homer's Troy, vi. 100; the Prehistoric Palace of the Kings of Tiryns, viii. 402
- Schlunberger, G., Les Isles des Princes, vi. 235
- Schmeltz, J., and Krause, R., Die Ethnographisch-Anthropologische Abtheilung des Museum Godeffroy in Hamburg, ii. 712, iii. 249
- Schmick, Prof., on changes in the sea-level, xiv. 639
- Schmidt, A., Reise in Usaramo und den Deutschen Schutzgebieten Central-Ostafrikas, ix. 714
- Schmidt, Dr. K. W., Sansibar: Ein Ostafrikanisches Culturbild, x. 177; on the soil and climate of E. Africa, xi.
- Schmidt, Dr. K. W.—continued—  
306, xii. 376; visit to Keith Johnston's grave, xii. 615
- Schmidt, F. M., Ueber Rubruks Reise von 1253-55, vii. 617
- Schmidt, M., work in the territory of Akmolinsk, xi. 312
- Schneider, Dr. F., Die Siedelungen an Meerbusen in ihrer Abhängigkeit von den Geographischen Bedingungen, v. 50
- Schneider, O., and H. Haas, Von Algier nach Oran und Tlemcen, i. 151
- Schnell, Dr. P., Das Marokkanische Atlasgebirge, xiv. 426
- Schomburgh, Sir R., boundary of British Guiana laid down by, ii. 482, xiv. 669; visit to Mt. Roraima, vi. 663, 671, vii. 510, 528
- Schön, Rev. J. F., obituary of, xi. 423
- Schönbrunn, new plan of Vienna, v. 501
- Schoner, Johann, Reproduction of his Globe of 1523, etc., Stevens and Coote, x. 319
- Schott, Dr. G., Die Meeresströmungen und Temperaturverhältnisse in den Ostasiatischen Gewässern, xiii. 724, (map) 696
- Schouten islands, off New Guinea, v. 512
- Schouvaloff, Count, receives medal for Colonel Prejevalsky, i. 467
- Schouw Santvoort, Lieut., expedition in Sumatra, i. 763, 766
- Schperck, Fr., Russia of the Distant East, viii. 62
- Schrabitsch, O., Statist. Situations-Übersichtskarte des Reg.-Bezirks Aachen, i. 349
- Schrader, Dr., meteorological expedition to South Georgia island, iv. 293, vi. 663; on the earliest Indo-European races, vi. 165; explorations in New Guinea, viii. 101, 719, x. 34, 241
- Schrader, E., Keilinschriften und Geschichtsforschung, i. 152
- Schrader, F., on Alpine clubs, i. 280; map of Central Pyrenees, v. 683; on the laws of snowstorms in mountains, vii. 398; on sketch map of Lake Nahuel Huapi, vii. 396; on the Orography of the Pyrenees, ix. 685; Atlas de Géographie moderne, xi. 580; L'Année cartographique, etc., xiii. 699, xiv. 736
- Schreiner, L., Plana da Cidade de Sn. Sebastião do Rio de Janeiro, iv. 454
- Schrenck, L. von, Reisen und Forschungen im Amur-Lande, iv. 323, xiv. 570; (and C. J. Maximowicz), Beiträge zur Kenntniss des Russischen Reiches, etc., ix. 517
- Schreuder, H. P., Grammatik for Zulu Sproget, i. 205
- Schroter, H., the Trade of the Province of Kwang-Si, etc., x. 107
- Schropp and Co., Spezialkarte der ober-schlesischen Bergreviere, iv. 328

- Schück, Capt. A., Magnetic Observations on the Elbe, etc., ix. 135 †
- Schuler, H. E., Dislocations-Karte der Indo-britischen Streitkräfte in Ost-Indien, etc., xiv. 349
- Schultz, M. von, survey for railroad to Sea of Aral, iv. 548
- Schultz, R. and Co., Plan der Stadt Strassburg, ii. 396; school wall map of Austria-Hungary, iii. 128
- Schulz, R. A., Distanz und Eisenbahn-Karte des Deutschen Reiches, vi. 106; Karte des Schneebergs und der Raxalpe, ii. 524, 592
- Schulze, Lieut. E., expedition to the Congo, viii. 634
- Schulze, Dr. E., Ueber die Geographische Verbreitung der Süßwasserfische von Mitteleuropa, xiii. 52 †
- Schumacher, G., Across the Jordan, viii. 276 †; Der Dscholan, ix. 317 †; the Jaulan, x. 107 †; survey in Palestine, x. 719; Pella, xi. 186 †; Abila of the Decapolis, xi. 513 †; Northern 'Ajlun within the Decapolis, xiv. 132 †
- Schumacher, Hermann A., South American Biographies, v. 746 †
- Schumann, Dr. Carl, Verbreitung der Lauraceen (map), v. 748
- Schunke, H. C., Trigonometrical survey of the Transvaal, vii. 610; Kaffaria und die Östlichen Grenz-Distrikte der Cap-Kolonie (map), viii. 285
- Schütt, Herr O., explorations in W. Africa, i. 75, 145, 536, 808, iv. 678; Reisen im Südwestlichen Becken des Congo, iii. 575 †
- Schuyer, J. M., expedition across Africa from North to South, iii. 587, 736, iv. 44, 230; map of his explorations on the Blue Nile, v. 629; Originalkarte der Wüsten-Hügel im Nord-Westen von Chartum, vi. 175; assassination of, vi. 90, 249
- Schuyler, Eugene, obituary of, xiii. 400
- Schwäbischen Alb, map of northern part of the, Bofinger, ii. 714
- Schwartz, M., surveys in Turkistan. i. 385; expedition in Eastern Bokhara, ix. 432, xi. 311
- Schwarz, Dr. B., Algerien; Küste, Atlas und Wüste, iv. 62 †; Montenegro, Reise durch das Innere, iv. 701 †; Die Erschliessung der Gebirge, etc., vii. 694 †; Kamerun, Reise im dem Hinterlande der Kolonie, ix. 320 †
- Schwarz, Theo., Ueber Fels und Firn, etc., vii. 694 †
- Schwatka, Lieut., expedition in search of Franklin relics, ii. 508; *id.*, Markham on, ii. 637 †; "Roquette" prize awarded to, v. 174, 358; Along Alaska's Great River, viii. 475 †; expedition to Alaska, viii. 526, 599, 652; *id.*, Dall on, ix. 444; Wonderland; or, Alaska and the Inland Passage, xi. 59 †; explorations in the Yukon district, xiv. 561
- Schweiger-Lerchenfeld, A. von, Armenien, i. 148 †; orographical and botanical map of Asia Minor, i. 157; Bosnien, das Land und seine Bewohner, i. 283 †; Der Orient, iii. 319 †; Greece, v. 48 †; die Adriatic, v. 49 †; Das Mittelmeer, ix. 463 †
- Schweinfurth, Dr. G., v. 178, 704; visit to Socotra, iii. 572; diagram of Wissmann's journey across Africa, v. 163; Linguistische Ergebnisse einer Reise nach Centralafrika, viii. 132 †; on the connection of the Raian Basin with the Nile, viii. 456; Alte Baureste und hieroglyphische Inschriften in Uadi Gastis, viii. 601 †; Les Ateliers des outils en silex dans le Désert Oriental de l'Égypte, etc., viii. 601 †; Reise in das Depressions-Gebiet des Fajum in 1886, viii. 601 †; Sur une ancienne digue en pierre aux environs de Hérouan, viii. 601 †; Ueber die geologische Schichtengliederung des Mokattam bei Cairo, viii. 601 †; exploration géologique de l'Ouadi Arabah, x. 315 †; Sur la flore des anciens jardins arabes d'Égypt, x. 315 †; expedition in S. W. Arabia, xi. 103, 565; on the flora of North Abyssinia and S. W. Arabia, xiii. 734; on the Colony of Eritrea, xiv. 706
- Schwerin, Baron von, mission to the Congo, vii. 817; discovery of Diogo Caõ's pillar at mouth of the Congo, ix. 439
- Schynse, Father, Mit Stanley u. Emin Pasha durch Deutsch Ost-Africa, xiii. 361 †; survey of the south-west shore of Victoria Nyanza, xiii. 687
- Seiçmore, E. R., Alaska: its southern Coast and the Sitkan Archipelago, viii. 474 †; Jinrikisha Days in Japan, xiv. 570 †
- Science and Art Department, South Kensington, instruction in navigation at the, iv. 304, 305
- Scientific and Literary Missions, Archives of the, xii. 306 †
- Scientific, etc., Lectures and Essays, Merriman, viii. 408 †
- Scientific instruction for intending travellers, report on, Col. s. iii. 237; extension of system of, viii. 393
- Scientific research, Mrs. Thompson's fund in aid of, viii. 52
- Selater, Capt., ascent of Mount Zomba, xiv. 558
- Selater, P. L., the new Maharajahate of Sabak, Borneo, i. 121; award of Cuthbert Peek grant to, xiii. 295; remarks at evening meetings, iii. 722, iv. 534, v. 516, vi. 133, x. 376, 434, xii. 136, 222
- Selaves, country of the, in Austro-Hungary, Caix de Saint Aymour, v. 676 †
- Sonce, Col., survey work in India, vii. 691
- Scotland—  
Atlas (pocket) of, Bartholomew, ix. 466  
Early Travellers in, Brown, xiv. 60 †

## Scotland—continued—

- Free Church of, Missionary reports of, xiv. 876†
- Gazetteer, Ordnance, of, Groome, vii. 616†
- Geological map of, Geikie, xiv. 732
- Guides to†—(Highlands), iii. 573; (Lowlands), viii. 746
- Maps of:—Bacon, xiv. 663; Bartholomew (orographical), vii. 411; (reduced Ordnance), i. 154, v. 501, 627, viii. 478, 605, xiii. 309, 641; (tourist's), xiii. 378; Rand, McNally and Co., xiv. 732
- Scenery of, viewed in connection with its Physical Geology, Geikie, ix. 710†
- Tours in, Kirk and Thorsby's, 1677 and 1681, Brown, xiv. 721†
- Scott, G. B., surveys in India, xiii. 401
- Scott, J. G., France and Tong-king, vii. 405†; the Hill Slopes of Tong-king, viii. 217\*; Burma as it Was, as it Is, and as it Will Be, viii. 601†; the British Shan States, xi. 570†
- Scott, Mr., surveys on the Afghanistan expedition, i. 64
- Scott, R. H., the Variability of the Temperature of the British Isles, xii. 702†; on the results of the *Challenger* expedition, xiii. 154
- Scott, Rev. D. C., Cyclopædic Dictionary of the Manganja Language, xiv. 872†
- Scott-Stevenson, E., Our Home in Cyprus, i. 809†; Our Ride through Asia Minor, iii. 693†
- Scottish Missionary Society's geographical work in Africa, i. 361
- Scovell, Mr., on the Height of Mount Orizaba, xiv. 804, 874†
- Scratchley, Mount, New Guinea, xi. 606, xii. 216
- Scratchley, Sir P., reports on British New Guinea, viii. 596
- Scribner, G. H., Where did Life Begin? vi. 105†
- Scribner's statistical atlas of the United States, viii. 351
- Scutari, Lake of, Hassert, xiv. 569†
- Sea, meteorology and temperature of the, progress of research in, iii. 630, 632
- Sea, open, force of the wind and thunderstorms over, xiii. 143, 144
- Sea surfaces, temperature of, xiii. 139
- Sea temperature on the Continental Shelf, Mill on, x. 667
- Sea-coasts, investigations into the rising and sinking of, Hahn, i. 409†
- Sea-level, the Form and Position of, Woodward, xii. 366†
- Seal lake, Labrador, ii. 193
- Sealy, Mr., journeys in New Zealand, vi. 59
- Seas and Lands, Arnold, xiv. 64†
- Seds and Skies in Many Latitudes, Abercromby, xi. 122†
- Seasons, etc., movable diagram illustrating the, Mason, viii. 352, x. 809
- Seate river, Basutoland, x. 522
- Sebakwe river, Matabeleland, x. 294
- Sebange river, ix. 301
- Sebka Tarfa, Sahara, xiv. 708
- Sebon river, Morocco, xiii. 164, 165, 166
- Sécanais, North American Indians, v. 651
- Secass tribe, Malay Archipelago, x. 596
- Secheli's country, population and extent of, i. 711
- Sechuen. See Sze-chuen.
- Securé river, Bolivia, v. 343
- Sediya lowland, E. Africa, i. 553
- Seeborg, P., Kultur- und Wirtschafts-bilder aus dem Nördlichen Russland, xiv. 867†
- Seeböhm, H., Siberia in Europe, ii. 780†; Siberia in Asia, iv. 773†; remarks at evening meetings, xiv. 32, 453
- Seeley, Prof. H. G., the Freshwater Fishes of Europe, viii. 478†; on the scope and method of geography, ix. 168; on the teaching of geography at the universities, ix. 700
- Seelstrang, Dr. A., Atlas de la República Argentina, ix. 728
- Sefton, R., explorations in North Borneo, x. 142, 143
- Segama river, North Borneo, gold deposits in, x. 142
- Segou (Sikoro), Soleillet's Journey to, 1878-79, i. 686; Account of the same, Gravier, ix. 714†
- Séguin, L. G., the Black Forest, its People and Legends, ii. 458†
- Seguy, Dr. G., Oran et l'Algérie en 1887, x. 671†
- Seine, department of the, hydrological map of, v. 297
- Seine, map of the, from Paris to the sea, xiv. 580; Bore of the, Dormoy, xiv. 721†
- Seir, Mount, Sinai and Western Palestine, Hull, ix. 259†
- Seistan, lake of, i. 194, 198, 259; desiccation of, vi. 668; province of, journey through, Merk and Bhawuldin Khan, viii. 331
- Sekoli river, Congo basin, ix. 298; De Brazza's journey to, viii. 648
- Se-Kololo dialect of the Zambesi tribes, v. 168
- Selander, N., Atlas öfver Sverige, iii. 256; map of Sweden, v. 48, 178
- Selangor, State of, Malay Peninsula, iv. 394-397
- Selby, Lieut., ascent of the Karun river, xii. 510
- Selefkeb, road from, to Mara, xii. 460
- Seler, Dr. E., explorations in Mexico, xi. 182; Reisebriefe aus Mexiko, xii. 438†
- Selfridge, Commander, surveys in S. America, i. 67, 363
- Seljuks of Anatolia, vi. 307
- Selkirk Range—Among the Glaciers of the, Green, xii. 302†; Explorations in, Green, xi. 153\*; Topham, xiii. 113,

## Selkirk Range—continued—

554\*; Fauna and Flora of, xi. 165, 166; geological structure and climate of, xi. 167, 168

Selkirk Settlement and the Settlers, Bell, ix. 715†

Sella, V., photographs of Caucasian scenery, xii. 96, 97; award of Murchison grant to, xii. 288; Monte Rosa e Grazoney, xii. 767†; Nel Caucaso centrale, xii. 433, xiii. 737; explorations in the Caucasus, xiv. 108; photographs of the Alps, xiv. 203

Sellar, A. Craig, on the voyage of the *Eira* to Franz-Josef Land, v. 223

Selous, F. C., Explorations and Journeys in Mashonaland and Central Africa, ii. 367, iii. 391, 352, 391, v. 168, 268, 382, vi. 284, x. 164, 293\*, xi. 78, 216, xii. 146\*, 377; A Hunter's Wanderings in Africa†, iv. 63, xii. 362; Outibert Peck Grant awarded to, v. 297, 422; Back premium awarded to, xi. 311; on the longitude of Fort Salisbury, xiii. 609; map of Mashonaland, xiii. 723

Sel-sai or Fedchenko glacier, Central Asia, i. 592

Selungs of the Mergui Archipelago, by John Anderson, xii. 434†

Selwyn, Prof. A. R. C., Report of the Geological Survey of Canada†, iii. 190, iv. 515; on the Prairie fires of N. America, xiv. 96; (and Professor Hayden), North America (Stanford's compendium of geography and travel), v. 432†

Semellé, M. de, explorations on the Niger, i. 402

Semena river, Basutoland, x. 523

Semenoff glacier, the, Thian Shan, x. 598

Semenoff, M., on the Trans-Caspian railway, xii. 49

Semenof, P., Geographicheskoe-Statisticheskii Slovar Rossiiskoi Imperii, ix. 525†

Semio, chief and station, Central Africa, ix. 289, 408

Semirechinsk, Journey through, to Kuldja, Morgan, iii. 150\*. report on agriculture and colonization in, Krasnoff, x. 235

Semjuka, E. Africa, iv. 735

Semliki river, Central Africa, xi. 722, xii. 321, 322, xiv. 836

Semnan, town of, Persia, xii. 591

Sempach, lake, depth of, ix. 646

Sendege, E. Africa, iv. 737, 744, 746

Sendji, Central Asia, iii. 351

Senecio Johnstoni, vii. 147

## Senegal, Senegambia—

Ancient map of, viii. 205

Colony of, map of the, Mathieu, vi. 614, vii. 558

Expeditions in—Desbordes, ii. 775, iv. 46, v. 36; French, ix. 240, 509; Gallieni, iii. 176, 311, 562, (map), iv. 581

## Senegal, Senegambia—continued—

Explorations in, from the earliest times, Ancelle, ix. 317†

France in West Africa, vi. 355†; French Possessions in, xii. 656†

Journey in, Bayol, ix. 779

Le Sénégal, Faidherbe, xi. 573†

River, navigability of tributaries of, x. 379

Travels in, Mitchinson, iii. 115†

Trives of, Béniger-Féraud, i. 405†

Upper—Journey on the, Frey, x. 541†; map of, Derrien, iv. 453; *id.*, Vallière and Pietri, iv. 520; of the topographical mission to, iv. 520

Senereau, M., journey to W. Africa, ii. 195

Senga tribe, women of the, viii. 74, 85

Sengellen river, Patagonia, v. 86

Sengu river, Basutoland, x. 521, 522

Sentinel Island, South, Little Andamans, x. 572

Séoul See Söul.

Sepatynim river, Amazons, ii. 129; Duke's visit to, iii. 234

Sepp, J. N., Meerfahrt nach Tyrus zur Ausgrabung der Kathedrale mit Barla-rossa's Grab, i. 148†

Ser-ab-i-shah stream, S. Persia, v. 160, 161

Ser-pion, distance from Rhaptum to, xiii. 546

Sérén, Madame, journeys of, in North Europe and Caucasus, ii. 386; Une Européenne en Perse, iii. 442†

Sergitopol, Turkistan, iii. 153

Serhum valley, S. W. Persia, xii. 541, 550

Seriang, lake, N. Borneo, iii. 203

Seringapatam city, vii. 724

Serjeant, Mr., death of, in S. Africa, i. 243

Serné, S. H., Algemeene Kaart van Nederlandsch Indië, i. 816; Kaart van de Middellandsche Zee en Angrenzende Kustlanden, i. 815

Serra Cancoma, Zambesi region, viii. 512

## Serbia—

Economy and Commerce of, Borchgrave, viii. 283†

Inhabitants and products of, ii. 572

Maps of—(general), viii. 183; Handtke, xii. 367; Steinhauser, iii. 64; (topographical), xi. 756

New frontiers between Roumania, Bulgaria, and, map of, Kiepert, iii. 382

Population of, viii. 532

Service, Mount, New Guinea, xi. 606, xii. 210, 211

Sesarga island, Solomon islands, xii. 407

Sete Kama, West Africa, Walker on, x. 36

Seton-Karr, Mr., remarks on Kafristan, iii. 297

Seton-Karr, Lieut. H. W., account of Mount St. Elias, ix. 52; the Alpine Regions of Alaska, ix. 269\*; the Shores and Alps of Alaska, ix. 460†; Ten Years Wild Sport in Foreign Lands, xi.



Seton-Karr, Lieut. H. W.—*continued*—

- 518 †; on the position of Mount St. Elias, xi. 433, 683; visit to the Giant's Kop, Drakensberg range, xi. 678; Explorations in Alaska and North-West British Columbia, xii. 290, xiii. 65 \*; Bear Hunting in the White Mountains, etc., xiv. 64 †
- Seue, C. M. de, Historisk Beretning om Norges, i. 284 †
- Seul. *See* Söül.
- Seyern or Dumeresq river, Queensland, v. 101
- Severtsof, M., Explorations in the Pamirs, i. 455, 593, ii. 499 \*, iii. 490, 664; death of, vii. 395; Orographical Sketch of the Pamir System, x. 182 †; on the birds of the Pamir, xiv. 32
- Sevins-Desplaces, M. L., on the French protectorate in the Western Sudan, xi. 389
- Seward Glacier, Mount St. Elias, xiv. 325
- Sewestan, survey of, iv. 342
- Sextant, Manual of the, Thompson, ix. 785 †
- Seychelles Islands, Admiralty surveys of, xiv. 377
- Seydisfjord, ice in the, ix. 684
- Seyler, Mr., ascent of Mount Roraima, xiv. 242
- Seyuba river, Bolivia, v. 328
- Slax, town of, viii. 523
- Shadwell, Sir Charles, memorial to, ix. 764
- Shah Dagb peak, Caucasus, xiii. 313, 319, 322
- Shahidula, Pamirs, xiv. 206
- Shah Kuh mountains, Persia, v. 73, 74, 77
- Shahri-Gulgula ruins, Central Asia, iii. 738
- Shahrud, town of, Northern Persia, v. 80
- Shahwar mountain, Northern Persia, v. 78, 79, 81
- Shakhe Marsh, Persia, v. 157
- Shakir-oghlu-tebivliké plain, viii. 97
- Shaksgam river, Turkistan, x. 507
- Shaktu Valley, Waziristan, Notes on, Young, iv. 537 \*; list of villages of the, iv. 543
- Shalawe, S. E. Africa, v. 551, vi. 633
- Shalbulz peak, Caucasus, xiii. 313, 318, 321
- Shaler, N. S., on the rivers of New England, ix. 247; Aspects of the Earth, etc., xiii. 130 †; the Morasses of the United States, etc., xiv. 342 †; Nature and Man in America, xiv. 428 †
- Shalkot plains, ii. 234
- Shaluzan, Afghanistan, i. 624
- Sham plateau, Waziristan, i. 56, iv. 538
- Shamba, position of, xi. 664
- Shambara lake, Central Africa, xi. 680
- Shamsabad river, Persia, v. 145
- Shams-ul-Arab stream, S. Persia, v. 160
- Shamu (Gobi) desert, xii. 76

- Shan-Chinese in Upper Burma, xiv. 166
- Shan hills, xiii. 402
- Shan states, iv. 723, v. 457; A Thousand Miles on an Elephant in the, Hallett, xii. 120 †; Journeys in, Archer, xi. 242; Hallett, vi. 91, 220, 446; Lamington, xiii. 701 \*; Survey in, Jackson, x. 452; traffic, fauna, and scenery of the, viii. 13
- Shans, Among the, Colquhoun, vii. 483 †; reports on the, xiii. 304; Shan tribe, iv. 693, viii. 6, 7, 10, 489, x. 268
- Shansi, province of, v. 455, xii. 60, 62; Ancient Roman Coins from, Bushell, viii. 410 †; Forrest on, ii. 47
- Shantung province, China, map of, Fauvel, i. 80; report on, Gardner, ii. 635; Work on, Armstrong, xiv. 807 †
- Shao-Hing, Southern China, xiii. 257
- Shara Gol, Tibet, xiv. 778
- Sharé, town, W. Africa, iii. 32
- Shari river, ii. 289, *et seq.*, ix. 298, 299; return of Fourneau's expedition to the, xiii. 687
- Sharif, Yusuf, survey work in India, xi. 567, xiii. 401
- Sharpe, Alfred, Journey between the Shire and Loangwa Rivers, xii. 150 \*, 377; to the Great Loangwa and Upper Zambesi, xii. 744 \*; to Garenganze, xiii. 423 \*, xiv. 36 \*
- Sharpe, Bowdler, on Jackson and Gedge's journey to Uganda, xiii. 206
- Shart pass, ii. 499, xiv. 6
- Sha-shi, China, i. 490
- Shateit river, xiii. 595
- Shat-el-Arab river, Persia, v. 125
- Sha-toze, town of, xii. 443, 444
- Shaw, G. A., Madagascar and France, etc., vii. 406 †; Madagascar of To-day, viii. 747 †
- Shaw, J., the Geography of South Africa, i. 539 †
- Shaw, Mr., on Chinese Turkistan, x. 483
- Shaw, R. B., death and obituary of, i. 528, ii. 402
- Shaw, Russell, on communication between Central Persia and the sea, v. 136
- Shawe, W., map of the British Empire, viii. 752
- Shawer, or Shour river, S. Persia, v. 154
- Shayok river, India, v. 614, 615; upper, glaciers of the, xiii. 423
- Shayok-Kailas, Himalayas, v. 615
- Shdanoff, General, re-survey of Caucasus, xi. 676
- Shebeyli. *See* Webbe Shebeyli
- Sheik-Said, vii. 552
- Sheitan-dere, rock-cut bas-reliefs at, xii. 450
- Shelalieh, Karun river, xiii. 593
- Shelamzar, Persia, v. 145, 146
- Sheldon, Prof., on the Soil of Manitoba, xiv. 87 †
- Shelford, W., on navigation to Hudson's bay, x. 566
- Shelley, Capt. G. E., on the birds of the Somali country, vii. 641

- Sheomaloe, Formosa, vii. 13  
 Shepperson, W., photographs of Japan, xiii. 512  
 Sheranni tribe, Central Asia, iv. 344  
 Sherbett, Persia, v. 82  
 Sher-Dahan pass and ridge, i. 193  
 Sherriff, W., Report on the Northern Shan States, xii. 246 †  
 Sherron, R., and Wallace, J. H., Early History of New Zealand, xiv. 575 †  
 Shesheke, Zambesi, ii. 176-179  
 Sheshouan, Visit to, Harris, xi. 18 \*  
 Shiabden monastery, Tibet, vii. 69  
 Shiar Lhoba race, vii. 313  
 Shibr pass, Hindu Kush, i. 116  
 Shichito chain, Japan, ix. 88  
 Shidima country, S. Africa, xii. 349  
 Shields, G. O., the Big Game of North America, xiii. 128 †  
 Shi-Fanza or Tangutans of Central Asia, xii. 74  
 Shi-ho, burning coal-field, Central Asia, xiii. 224  
 Shikai, province of, viii. 42  
 Shikambe river, E. Africa, viii. 77  
 Shikarab, Persia, v. 151  
 Shillinglaw, J. J., Historical Records of Port Philip, i. 479 †  
 Shin, village of, Caucasus, xiii. 314  
 Shin Stargye valley, Waziristan, iv. 541  
 Shinano Hida range, Japan, ix. 94  
 Shinko or Paperwer river, ix. 292  
 Shinto shrine at a Corean village, v. 276  
 Shipley, J. B., and Marie A. the English Rediscovery and Colonization of America, xiii. 308. † See Brown, M. A.  
 Shipp, B., the History of Hernando de Soto and Florida, iv. 445 †  
 Shipuriro's town, S. Africa, xii. 347  
 Shirani tribe, i. 55  
 Shiraz, Southern Persia, v. 128, 712, 716; badness of road from, to the sea, v. 123; distance and road from, to Bushire, v. 152; Preece's journey from, to Jask, vii. 126  
 Shire highlands as Colony and Mission, Buchanan, viii. 276 †; colonization of, xiii. 98; healthiness of, xi. 692, xiv. 822  
 Shire river, vi. 514, 578, vii. 336, 649, xii. 715; Journey between the Loangwa and, Sharpe, xii. 150 \*; between the Rovuma and, Smithies, viii. 99; Johnston's arrival on, xiii. 607; map of Zambesi and, v. 309, 629; sinking of the water of, viii. 84, 86  
 Shirin-djui, route from, to Denau, iii. 726  
 Shiristanak, Northern Persia, v. 59  
 Shirwa or Kilwa lake, iv. 47, vii. 493, 665, x. 29, 30; supposed connection with the Lujenda, iv. 321, viii. 328; journey to, Drummond, vi. 39; O'Neill, v. 482, 551, vi. 153, 531, 632, 646, 713 \*; Return from, vi. 725 \*; new lake south-east of, ix. 439; watershed between Rovuma basin and, viii. 99  
 Shirwa tribe (Nguru or Nyanja), ix. 115  
 Shiva Samoodrum, falls at, viii. 695  
 Shiwa or Shiva lake, Turkistan, vi. 137, 479, 509  
 Shizoku people, Loochoo Islands, iii. 591  
 Shkara glacier, Caucasus, x. 339 note, 780; mount, Caucasus, ix. 767, x. 589, 689, xi. 332, xii. 284, xiv. 111; Freshfield's attempt on, xiv. 114  
 Shoa, xii. 174; area and population of, vii. 104; Italian expedition to, i. 666; Rimbaud's new route from, to Harar, x. 89; scientific mission to, Aubry, viii. 525  
 Shoda, Caucasus, xiv. 107  
 Shonga, town, W. Africa, iii. 31  
 Shooter, Rev. J., the Kafirs of Natal and the Zulu Country, i. 205 †  
 Shorawak plain, ii. 230; valley, etc., Campbell, i. 728, ii. 620, 623  
 Shore, Hon. H. N., the Flight of the *Lapwing*; a Naval Officer's Jottings in China, etc., iii. 189 †  
 Shor-kul lake, valley of the, xiii. 101  
 Shors of the Kara-kum desert, vii. 233, 237  
 Shorud plain, ii. 232, 233  
 Shoshong, S. Africa, ii. 241, 488  
 Shotts of Algeria. See Chotts.  
 Shufeldt, Lieut., explorations in Madagascar, vi. 661, xiv. 738  
 Shughnuli falls, Ruffi river, iii. 651  
 Shuhr-i-Bul, Northern Persia, v. 82  
 Shumish Kul basin, xiv. 319  
 Shur river, Persia, xii. 580  
 Shur river, S.W. Persia. See Fahlyun.  
 Shur-i-Lababri river, xii. 540, 547  
 Shur Rud river, Persia, xiii. 647  
 Shush or Susa, Persia, mounds of, v. 154  
 Shushtari, Mir Abdul Latif Khan, on the Sabseans, xiii. 663  
 Shuster, v. 125, xii. 521, 522, xiii. 485; advisability of railway from, to Isfahan, v. 134; Karun river at, xiii. 593; trade route between Isfahan and, xii. 523, 533; Capt. Wells at, v. 153, 155  
 Shutar-Gardan, Capt. Martin's ascent of, i. 632; pass of, i. 48, 565, 629  
 Shutari range, iii. 523  
 Shwey-lee river, vii. 301, 305  
 Shwey-oo-doung peak, Burma, x. 264  
 Siab, district of, Persia, v. 716  
 Siab Kila, Central Asia, i. 246  
 Siab-Kuh mountains, Persia, i. 193, x. 629 note, xii. 587; Visit to, Biddulph, xiii. 645 \*  
 Siab-posh Kafirs, i. 113, 114, iii. 299  
 Siam—  
     Bibliography of, Essay towards, Satow, ix. 587 †  
     Chiengmai District, Report of Journey in, Archer, x. 539 †  
     Coasts of, Commander Taylor on, ii. 635  
     English Intercourse with, in the Seventeenth Century, Anderson, xii. 300 †  
     Expeditions and journeys in—Boulangier, iii. 665; Ehlers (proposed), xiii. 685; Harmand, iv. 385, 766; Lamington, xiii. 701

**Siam—continued—**

- Laos State of Nan. Report of Journey to, Stringer, x. 395†  
 Longitude observations in, M'Carthy, xiii. 111  
 M'Carthy on, x. 117\*  
 Maps of, scarcity of, x. 129  
 Narrative of Journeys through, Bock, vi. 53†  
 Population and climate of, x. 118, 119  
 Present knowledge of, Harmand on, iv. 566  
 Progress of knowledge of, since 1830, iii. 613  
 Rainfall of, x. 131, 132  
 Report on, by U.S. consul, vi. 580  
 Route from Tavoy to, by the Bounge pass, traverse of, Kenyon, x. 323  
 Survey for Railway Connection with India and China, Hallett, viii. 1\*  
 Telegraphic communication with, i. 793  
 Trade of, report on, Gould, x. 798  
 Siamese minister, H. R. H. the, election as honorary member of the R. G. S., viii. 55; on Hallett's survey for a railway between India and China, viii. 20  
 Siang river, China, ii. 158  
 Siazgai hill, ii. 237

**Siberia—**

- An Estate in, Sommier, vii. 404†  
 And the Exile System, Kennan, xiv. 502†  
 As It Is, De Windt, xiv. 424†  
 Coast of, explorations along, i. 19  
 Eastern. Branch of Russian Geographical Society in, Bulletin and proceedings †, x. 48, 804, xi. 119, 393, xii. 185; geography in, ix. 378; journeys in, Martin, ix. 378; Yadrintsef, ii. 767  
 Explorations in, Bunge and Von Toll, viii. 189  
 Frontier between Mongolia and, Prejevalsky's expedition to, v. 175  
 Geographical, etc., Studies, Yadrintsef, ix. 131†  
 In Asia, Seebohm, iv. 773†  
 Inscriptions in, Campbell, xiv. 571†  
 Lakes of, desiccation of, ix. 51  
 Levelling in, 1875-76, Results of, Fuss, viii. 61†  
 Littoral province of, map of southern part of, Venukoff, v. 686  
 North-Eastern, the Chukches, etc., of, Dall on, iii. 568  
 North-Western, Traces of Heathen Belief in, Gondatti, xi. 118†  
 Progress of knowledge of, since 1830, iii. 616  
 Railway across, De Biberstein on, xi. 47, xiii. 26  
 Resources of, Sullivan on, xi. 694  
 Sea route to—possibility of regular navigation by, Nordenskiöld, ii. 61, 62; attempts to open, in 1873, ii. 321, 322; *id.*, 1878-80, iii. 187; Cattleby on, ii. 639; trade *vid.* Sibirakof, iv.

**Siberia—continued—**

- 499, v. 406, 555, ix. 683; Sullivan on, xi. 694; Butler and Fletcher-Vane on, xii. 244  
 Seas of, temperature and saltness of, vi. 486  
 Sketch of, (Frozen Asia), Eden, i. 740†  
 Telegraphs in, extension of, iv. 169  
 Through, Landsell, ii. 643, iv. 119†  
 Western—branch of Russian Geographical Society in, i. 342; Journey in, 1876, Finsch, i. 686†; Russian explorations in, ii. 768  
 Work on, Radloff, vii. 196†  
 Sibi, route to the Khojak *vid.* map showing, iii. 700; railway through the desert approach to, ii. 532, 534  
 Sibirakoff, M., expedition for the relief of Nordenskiöld, i. 208, 342, 403; attempt to establish trade with Siberia, iii. 231, iv. 291, 499, v. 406, ix. 683  
 Sibree, Rev. J., Our Geographical Knowledge of Madagascar, i. 646\*; the Great African Island, ii. 71†; on the origin of the Malagasy, vii. 242; the Antananarivo Annual†, edited by (in part), vii. 406, ix. 260, x. 253, xi. 315, xiii. 567, xiv. 341; A Madagascar Bibliography, viii. 276†; on the Volcanic Lake of Tritriva, xiii. 477\*; Imerina, the Central Province of Madagascar, xiv. 737\*  
 Sibuco or Kuamut river, North Borneo, x. 140, 456, 457  
 Sicily, Cities of Southern Italy and, Hara, v. 367†; Physical Geography of, La-saulx, i. 537†; maps of—xiv. 65; (political) Gambino, x. 674; (wall), *id.*, viii. 412  
 Siderides, M., explorations of the Kata-vothræ of the Morea, xiv. 467  
 Sidi Ali's journey in the Oxus region, vi. 506 and note  
 Sidra manuscript of the Sabæans, xiii. 665  
 Siebenbürgen, Handbook of, Bielz, viii. 274†; an Autumn Excursion in, Lauser, viii. 274†  
 Siebengebirge, map of the, ix. 327  
 Siedl, Mr., visit to Mount Roraima, vii. 497, 506, 529  
 Sieger, Dr. R., Gletscher- und Seespiegel-Schwankungen, x. 399†; Die Schwankungen der Hocharmenischen Seen seit 1800, etc.†, x. 319, xi. 55  
 Siemens, Bros., charts of the North Atlantic Ocean, v. 55  
 Sienerch or Sienuf tribe, W. Africa, xii. 168  
 Sierra Blanca, N. America, ii. 576  
 Sierra Imataks, Guiana, xiv. 684  
 Sierra Leone—  
 And the Interior, Garrett, xiv. 433\*  
 British possessions in, xii. 657  
 Correspondence respecting the Expedition against the Yonnie Tribe, x. 603†  
 Gazetteer of, xii. 640†

**Sierra Leone—continued—**

Maps of—v. 750; (in 1884), Jackson, vi. 614

The White Man's Grave, Banbury, x. 540†

Sierra Madre, the cliff-dwellers of the, xiii. 51

Sierra Nevada range, North America, x. 285; forest region of, xii. 430; Two Profiles through, Reyer, viii. 411†

Sierra Nevada de Santa Marta—Exploration of the, Simons, i. 132; Notes on, *id.*, i. 689\*. iii. 705\*; Journey in the, Sievers, ix. 521†; to the, Reclus, iii. 576†; Sievers on, viii. 723; Work on, Hettner, vii. 408†

Sievers, Dr. W., travels in Venezuela, vii. 612; Reisebericht aus Venezuela, viii. 537†; on the Sierra Nevada de Santa Marta, viii. 723; Travels in the same, ix. 521†; Work on the same, x. 179†; Die Cordillera von Merida, etc., x. 604†; Venezuela, xi. 120†; Zur Kenntnis des Taunus, xiii. 302†

Sigismund, R., Die Aromata in ihrer Bedeutung für Religion, Sitten, etc., des Alterthums, vi. 302†

Sihûn, or Sarus, river, Asia Minor, vi. 316

Sikaram peak, Afghanistan, i. 41, 629, 634

Sikhota-alin, Ivanoff's explorations in, xiv. 858

Si-kiang river, S. China, iv. 378, 713 *et seq.*

**Sikkim—**

British surveys in, xiii. 414

Climate and weather of, vi. 69

Expedition in, White and Hoffmann, xiv. 613\*

Himalayas, Déchy's explorations in, ii. 124

Lake Region of, Temple, iii. 321\*

Report on Explorations in Bhutan, Tibet and, xi. 568†

Sikouilarmiut Esquimaux, viii. 458

Siku river, Upper Assam, viii. 314

Silchester, Excavations on the Site of the Roman City at, Fox, xiv. 722†

Silesia, special map of, vii. 265

Silva Porto, Journey to the Bakuba Country, ix. 753\*

Silver and Co., Handbooks by†—Africa, South, ii. 709, xiii. 636; Australia and New Zealand, ii. 713; Canada, iii. 248

Silvestre, J., L'Empire d'Annam et le peuple Annamite, xi. 513†

Silvia, village of, Colombia, v. 264

Simba-Mbili, E. Africa, iii. 650

Simbamwenyi village, E. Africa, iv. 279

Simé, or Sama, Tibet, v. 100

Simiolchum peak, xiv. 618

Simla, Gazetteer of the District of, x. 669†

Simmons, Gen. Sir L., receives medal for Capt. Gill, i. 468

Simonet, L., carte de la Sardaigne, vi. 174

Simonin, M., on the proposed Panama canal, i. 340; on the ports of Great Britain, v. 299

Simons, F. A. A., exploration of the Sierra Nevada of Santa Martha, i. 132; Notes on the same, i. 689\*; the Sierra Nevada and its Watershed, iii. 705\*; on the Gogjira peninsula, vii. 781\*; plano del Rio Sinú, Colombia, x. 259

Simons, G., Voyage en Abyssinie et chez les Gallas-Raias, viii. 674†

Simons, T., Spanien, ii. 269†

Simony, Prof O., on the Canary islands, xii. 357

Simpson, E., Ice and Ice Movements in Behring Sea, etc., xii. 249†

Simpson, W., Afghanistan: the Jalalabul region, i. 727; on the Dara Nur, Afghanistan, i. 802

Simpson, Fort, depth of frozen soil at, viii. 743

Simpson mount, New Guinea, v. 507

Sims, A., mission to Stanley Pool, iv. 295; Vocabulary of Kiteke, ix. 58†; of Kibangi, ix. 133†

Simon, A., on the boundaries of Ecuador, ii. 193; Travels in the Wilds of Ecuador, ix. 321†

Sinai, or ancient China, iv. 658

Sinai Peninsula, etc., geology of, Walther, x. 394

Sinai, Fauna and Flora of, Hart, xiii. 238†

Sinaloa, map of the state of, Weidner, vi. 110

Sinicholagua mountain, S. America, xiv. 128

Sinclair, A. C., and L. R. Fyfe, Handbooks of Jamaica†, vii. 768, ix. 59, 717, x. 743

Sind, rainfall in, vii. 714; the land of five rivers and, Rosa, v. 304; (Eastern) meridional survey in, iv. 340

Sineck, D., Situations-Plan von Berlin, etc., iv. 579

Si-ngan-fu, xii. 57-65

Singapore, longitude of, Peek on, v. 488

Singbûr Chaman oasis, vii. 39

Singgarh, Fort of, N. India, iv. 463, 470

Singo country, Central Africa, xiv. 239

Singpho country, Col. Woodthorpe's travels in the, vii. 541

Singpho, or Kakhien, tribe and language, iv. 623, ix. 23, 24, xiv. 162, 163

Si-ning, Central Asia, ii. 315, 700, v. 100, vii. 73, xii. 71

Sininkoro, Sierra Leone, xiv. 449

Sinjeri river, Lake Nyasa, i. 302

Sin-kiang province, xii. 79, 91

Sino-Annamite Frontier, Deveria, xii. 360†

Sinoia's town, S. Africa, xii. 347; old gold mine at, x. 164, 294, 295

Sinú, Rio, Colombia, map of, Simons, x. 259

Sinugul, Siugiulu, Siu-chou-fu, or Suifu, China, v. 447

Sipiro's town, xii. 351

Sipsong Pans, Indo-China, xiii. 709

- Sir-darya. *See* Syr.
- Sir Derwarzeh Hill, N. Persia, v. 76
- Sir Donald peak, Selkirk range, xi. 157
- Sir-i-Chushma, i. 245
- Sir-i-Sung fortress, i. 253
- Sir-i-Tang valley, N. Persia, v. 72
- Sirionos tribe, S. America, xii. 673
- Sirsartijung, Island of, viii. 457
- Sirt plateau, Central Asia, xii. 22, 23
- Sis, Pass of, Asia Minor, xiv. 57
- Sissio country, North Borneo, v. 351
- Sistan. *See* Seistan.
- Sitakus, Sitioganus, or Sitakan, river, Persia, v. 712, 714-716
- Sitka, Alaska, xliii. 71, 72
- Sittang river and valley, vii. 295, x. 262
- Siu-bulak spring, Central Asia, xliii. 100
- Siva Samundram, or Cauvery Falls, vii. 724
- Sivaji, leader of the Mahrattas, history of, iv. 459 *et seq.*
- Sivalik axis, Himalayas, v. 618
- Sivewright, Mr., on the proposed African overland telegraph, i. 271
- Sivri Hissar, latitude of, x. 163
- Siyah-Koh, Caspian, whirlpool in vicinity of, i. 163 *note*
- Skage Fjord, Greenland, v. 295
- Skane, archaeological researches in, Montelius, v. 178
- Skarcies, or Kaba, river, xiv. 437
- Skardo. *See* Iskardo.
- Skassy. *See* Scassy.
- Skeikarar glacier, Iceland, xiv. 841, 842
- Skene, A. J., maps of Continental Australia, and Victoria, iii. 701
- Skertchly, Mr., search for gold in North Borneo, xi. 377
- Skobelev, General, first idea of the Trans-Caspian railway, xi. 275
- Skovhøi hill, height of, viii. 724
- Skrzeszewski, A. v., Karte der Umgebung von Bad-Gastein, etc., ii. 592
- Skuthorpe, Mr., discovery of relics of Leichhardt's expedition, iii. 228
- Skye, Isle of, Bartholomew's reduced Ordnance map of, vi. 486
- Skyring water, visit to, Coppinger, ii. 552; possible communication between Smyth's channel and, Mayne on, ii. 706
- Slack, Captain C., Introduction to Swahili, xliii. 636†; Tourist's and Student's Manual of Languages, xliii. 572†
- Sladen, Col. Sir E., remarks at evening meetings, ix. 372, x. 274; obituary of, xii. 113
- Slaffer, Rev. E. F., Incorrect Latitudes of Early Writers on the Coast of N. America, iv. 247†
- Slave coast, British and French boundaries on the, xii. 658; German territories in the, vii. 494; the Ewe-speaking Peoples of, Ellis, xliii. 54†. *See also* Togoland.
- Slave lake, Lesser, district, v. 633
- Slave river, Athabasca district, v. 646, 647, 648
- Slave Tinney Indians, Athabasca, v. 649, 650
- Slave trade in Africa, vi. 564, 735, 736, viii. 74, 85, 87
- Slavonia, maps of. *See* Croatia.
- Slivkina village, Central Asia, xii. 20
- Slavtsov, M., researches in the region of Akmolinsk, i. 341
- Smeaton, D. M., the Loyal Karens of Burma, ix. 206†
- Smeru, Mount, Java, vii. 50
- Smirnow, M., isodynamic map of European Russia, v. 174
- Smith and Sons, W. H., war map of Zululand, i. 206, 287
- Smith, Agnes, through Cyprus, ix. 392†
- Smith, C. H., remarks at evening meetings, xii. 18, 460
- Smith, Col. R. M., on Mackenzie's journey from Mohammera to Isapah, v. 132
- Smith, F. H., A White Umbrella in Mexico, xi. 462†
- Smith, Dr. G., the Student's Geography of India, v. 111†; Fifty Years of Foreign Missions, etc., ix. 62†; Stephen Hislop, Pioneer Missionary and Naturalist in Central India, xi. 55†; a Modern Apostle, A. N. Somerville, xliii. 131†; Henry Martyn, Saint and Scholar, xiv. 877†
- Smith, Holled, journey into the Beni Amer country, xiv. 546
- Smith, H. H., Brazil, the Amazons and the Coast, ii. 325†
- Smith, Krarup, death of, iv. 612
- Smith, Leigh, expeditions to Franz-Josef Land, ii. 642, 689, 773, iii. 484, 731, 748, v. 176, 204\*, 235, 377; Markham on, iii. 129\*; probable Position of, Jansen on, iv. 35\*; *id.*, and measures for relief of, iv. 42, 53, 57, 157, 331, 375, 420, 498; rescue of, iv. 544; Aberdare on, iv. 758, 759; donation to R. G. S. expedition fund, v. 98, 169; extracts from diary of, v. 214
- Smith, Lieut., Panorama of Kabul, ii. 205
- Smith, Sir Donald A., Journey in Labrador, x. 191
- Smith, S. Percy, on topographical changes caused by volcanic eruptions at Tarawera, N.Z., viii. 733; Eruption of Tarawera, ix. 718†; Survey of the Chatham Islands (map), x. 260; the Kermadec Islands, x. 316†
- Smith, T. V., steps for the relief of Leigh Smith, iv. 57, 158, 422
- Smith Sound, viii. 157
- Smithsonian Institution, Annual Reports†, viii. 602, ix. 589, x. 743, xliii. 308, xiv. 574
- Smyth, Col. Ed., on the Pandit Nain Singh, iv. 315
- Smyth, R. B., the Aborigines of Victoria, i. 742†
- Smyth, Sir W. W., obituary of, xii. 427
- Smythies, Bishop, excursion from the Shiré to the Rovuma, viii. 99

- Snelleman, J. E., Reizen en Onderzoekingen der Sumatra-Expeditie, vii. 195 †;  
 Bijdragen tot de Kennis der Fauna van Midden-Sumatra, xiv. 729 †  
 Snouck Hurgronje, C. See Hurgronje.  
 Snow, Captain Parker-, on proposed universal meridian, v. 560  
 Snowfall, the Equatorial Limits of, Fischer, x. 607 †  
 Snow-sheet, Influence of, on Climate, etc., Woelkoff †, viii. 130, xi. 464  
 Soudra town, Volta Basin, W. Africa, viii. 247 and note  
 Soares, Fernando, discovery of Madagascar by, i. 647  
 Sobat, position of mouth of, xi. 644  
 Sobey, J. H., visit to Cayman Brac island, viii. 787  
 Socotra, Island of, vii. 119; Bibliographical Notes on, Jackson, xiv. 872 †;  
 Botany of, Balfour, x. 540 †; expedition to, Riebeck and Schweinfurth, iii. 311, 572  
 Sodankyla, meteorological station at, iv. 570  
 Soden, Lake, new crater lake on Mount Cameroons, xiii. 557  
 Sodo island, vii. 340  
 Sofa tribe, Sierra Leone, xiv. 445  
 Sofala, E. Africa, iv. 229, vii. 444  
 Sogere, District of, New Guinea, v. 356, 357, xii. 561  
 Soil, Aerial formations of, D'Aoust on, vii. 614  
 Soils, some Physical Properties of, etc., Whitney, xiv. 877 †  
 Sokhbulak pass, Pamirs, xiv. 207  
 Sokna, North Africa, position of, i. 534, ii. 508  
 Sokolo, or Kala, Western Sudan, Africa, v. 739  
 Sokoto, Staudinger's journey to, ix. 256, 306  
 Sola, Col. Juan, exploration of the Central Gran Chaco, iii. 179  
 Soleillet, P., expeditions in W. Africa, i. 340, 512, 787, ii. 387, 765; to Segou-Sikoro, i. 686; account of the same, Gravier, ix. 714 †; to the Sahara, ii. 124; in the Adraar country, ii. 457; in South Abyssinia, v. 105, 495, 558, 561; obituary of, viii. 655  
 Soley, J. R., and W. S. Schley, the Rescue of Græly, vii. 489 †  
 Sologne, La, by Prof. Gallonédec, xiv. 722 †  
 Solomon Islands—  
   A Naturalist among the Head-hunters, Woodford, xii. 251 †  
   And their Natives, Guppy, ix. 782 †  
   Chain of volcanoes from, to Malay Archipelago, v. 512  
   Explorations in, Woodford, x. 302, 351 \*, xii. 393 \*  
   Natives and their customs, viii. 550, x. 369, 370  
   Notes on the discovery of, Mendaña, xii. 401 et seq.  
   Photographs of natives and Scenery in, Woodford, x. 404  
 Solon tribe, Kuldja, ii. 497  
 Solon Manchus, ix. 554  
 Soltan, H., journey from the Irawadi to the Yang-tze, iii. 493; notes on Yunnan, iii. 564  
 Soltera, Maria, a Lady's Ride across Spanish Honduras, vii. 408 †  
 Somaliland—  
   Botanical collection from, James and Thrupp's, Oliver on, vii. 639  
   Coast of, Italian protectorate on, xi. 608  
   Ethnography, etc., of, Paulitschke, viii. 672 †  
   Expeditions and explorations in—vii. 643, xiii. 723, xiv. 372; Hardegger and Paulitschke, vii. 458; James, vii. 120, 625 \*; Menges (map), vii. 135, viii. 64; Moktar-Bey, ii. 630; Nurse, xiii. 657 \*; Révoil, ii. 695, 774, iii. 571, iv. 113, 514 †, v. 717; Rubecchi, xii. 466, xiii. 686  
   Extent of, vi. 628  
   History of, vii. 117  
   Map of, vii. 775  
   Photographs of, Villiers, xiv. 584; id., and Sketches, Swayne, xiv. 512  
   Ravenstein on, v. 675, vi. 255 \*  
   Report on, Graves-Bey, ii. 373  
   Zoology of, Thomas on, vii. 639  
 Somali tribes, v. 718, vii. 626, 627, xiii. 658, 659; genealogical table of, vii. 639, 640  
 Somers, Earl, obituary of, vi. 227  
 Someshwar hills, India, xiii. 419  
 Sommer, S., Un Estate in Siberia, vii. 404 †; Il Dottor Finckh Alla Nuovo Guinea, xi. 630 †; Due Comunicazioni sui Lapponi e sui Finlandesi Settentrionali, xi. 632; Fra I Baskiri, xi. 632 †; Note di Viaggio, xi. 632 †; Prima Ascensione Invernale al Capo Nord, etc., xi. 632; Ostiacchi e Samoiedi dell' Ob, xi. 632 †  
 Somno, Rio de, source of, height above sea-level, viii. 355  
 Sonak, Northern Persia, v. 58  
 Song-ka, Song-ko', or Red river, Tonking, iv. 644, 722, 725, v. 452, viii. 218, 219, 222, xiii. 261, 263; map of delta of, v. 686; route to China, *id.*, viii. 2  
 Song-ki-kung river, viii. 237, 238  
 Songkia or Singora, Siam, x. 121  
 Song-ma river, Tonking, iii. 111  
 Song-thu-bon et la baie de Tourane, Tao, xiv. 725 †  
 Songwe river, E. Africa, v. 696, xii. 225, 732, xiii. 93, 96  
 Sonklar, Carl von, Lehrbuch der Geographie, ii. 394 †; Regenkarte der oesterreich-ungarischen Monarchie, iv. 447; obituary of, vii. 249  
 Sonmiani bay, i. 274  
 Sonnbliek peak, meteorology of, Hann, xi. 696 †  
 Sonora line of railway, New Mexico, v. 668



- Sonora, official map of the State of, Herbert, vii. 413
- Son-tay, town of, viii. 224
- Sonyo, country of, West Africa, v. 693
- Sørensen, Capt. G. A., cruise in the Spitzbergen and Barents seas, v. 96; discovery of land N. E. of Spitzbergen, vi. 40
- Sorisa range, E. Africa, vii. 432
- Sosa, Capt. Sandalis, journey through Paraguay, x. 167
- Sosnoffsky, Colonel, v. 54, 425, xii. 58
- Sotará, volcano of, Colombia, v. 249
- Sotik, East Africa, xii. 196
- Souci, Creux de, Martel's exploration of, xiv. 556
- Soudan. *See* Sudan.
- Sŏul, Séoul or Han-Yang, Corea, v. 274, 278, 279, 281-288, 598, vii. 608, viii. 293-296, xiv. 156; Japanese legation at, v. 283; ancient road from, to Wi-ju, viii. 297
- South Georgia, German meteorological expedition to, iv. 293
- South Kensington science and art department, instruction in navigation at, iv. 304, 305, 308 *note*, 312
- South sea. *See* Pacific.
- South Shields, navigation schools at, iv. 303
- Southon, E. J., expedition in Central Africa, i. 707, 788, ii. 42; notes of a journey through Northern Ugo, in 1879, iii. 547
- Sowerbutts, E., on the exhibition of geographical appliances, viii. 54
- Sowerby, J., the Forest Cantons of Switz r-land, xiv. 723 †
- Soyaux, H., Aus West-Afrika, i. 741 †; Deutsche Arbeit in Afrika, x. 177 †
- Soyka, Dr. Isidor, Die Schwankungen des Grundwassers, etc., x. 319 †
- Spain—**
- Account of, Simons, illustr. Wagner †, ii. 269, iii. 114
- Atlas of, illustrated, Boronat y Satoire, ii. 207; of the Iberian peninsula, geographical and descriptive, Valverde y Alvarez, ii. 336
- Columbus celebration in, xiv. 317
- Dictionary, Geographical, of, with Colonies, xiii. 183 †
- Earthquakes in, commission on causes of, vii. 256; Report on, Oruete y Duarte, vii. 829 †
- Edrisi's geography of, vii. 465
- Geography, etc., of, Botella, ix. 586 †
- Handbook for Travellers in, Murray, xiv. 501 †
- Instruction in nautical astronomy in, iv. 297 and *not*, 301
- Maps of—Government survey, iv. 447, v. 375, x. 113; (with Morocco, etc.), Meissas, vi. 427; (and Portugal), *id.*, i. 480, vi. 427; Bamberg, viii. 416; (hypsometrical), xiv. 268
- Military divisions of, map illustrating, Montevérde, xiii. 695
- Of To-day, Lawson, xii. 300 †
- Picturesque and historical journey in, xi. 313 †
- Railways of, altitudes of, Lavigne on, i. 806; (and of Portugal), map of, xiii. 190, 695
- South-West, map of, vi. 754
- Work on (with Algeria and Tunis), Tchihatchef, ii. 590 †
- Spanish—**
- Ambassador, H. E. the, on Columbus, xiv. 612
- American Republics, Child, xiv. 427 †
- Arawaks of Guiana, xiv. 672
- Colonies, Catalogue of, vi. 56 †
- Discoveries, early geographical, x. 208, 209
- Exhibits at the Venice Congress, iii. 752
- Expeditions—of Mendaña, discovery of Solomon Islands by, xii. 401 *et seq.*; to the Western Sahara, viii. 723
- Explorations in N. America, xii. 292
- Possessions in Africa, xii. 655, 656
- Sparrinchauk*, surveying ship, West Indies, v. 593
- Sparta, latitude of, x. 162
- Speeding, W. C., route survey through the Yoruba country (map), ix. 529
- Speedy, Mrs., My Wanderings in the Soudan, vii. 55 †
- Speke, Capt. J. H., discovery of Victoria Nyanza, iii. 683, 688; position of Gondokoro, xi. 643
- Spencer, Dr. J. W., on the origin of the great American lakes, xiv. 560
- Spieden or Niutao island, xii. 402
- Spindler, Capt., Deep-sea explorations in the Black sea, xiv. 122
- Spinakhar mount, ii. 236
- Spirit-levellings of the Ordnance survey, viii. 23
- Spitzbergen—**
- Coal in, Cremer on, xiv. 182
- East, and King Charles Land, map of, Kükenthal, xii. 252
- Excursion to, Cremer, xiv. 658 †
- Expeditions to—Kükenthal, ix. 515, xi. 684; Rabot, xiv. 703; Swedish, iv. 293, 424, vi. 352, xii. 752
- From, to the Sabara, Martins, ix. 524 †
- Land N. E. of, discovery of, Sørensen, vi. 40
- Meteorological station in, Swedish, iv. 570, 754
- Seas off, ice in, 1879, ii. 128; *id.*, 1882, v. 96
- Voyage to, Kjelsen, ii. 128
- Spottiswoode, William, remarks at anniversary meeting, v. 425; obituary of, v. 489
- Spratt, Vice-Admiral, on the Dorian Peninsula and Gulf, etc., viii. 410 †; obituary of, x. 242
- Sprengisandr route across Iceland, iv. 129 *et seq.*

- Spruner, Karl von, Hand-Atlas für die Geschichte des Mittelalters und der Neuren Zeit, i. 415, 751, ii. 207; historisch-geographischer Schul-Atlas, iii. 128; death of, xiv. 796
- Spruner - Bretschneider's historischer Wand-Atlas, vii. 270
- Sreznëvsky, M., on the inundation of the old bed of the Oxus, i. 146
- Srinagar, vii. 708
- Ssauga, position of, ix. 315
- Sa-ch'uan. See Sze-chuan
- Suimao, town of, xiii. 721
- Stark, Ed., Six Months in Persia, iv. 616†
- Staffordshire regiment, bravery of, in Nile expedition, vii. 124
- Stairs, Capt., Ascent of Ruwenzori, xi. 726\*; on Ptolemy's topography of East Africa, xiii. 546; obituary of, xiv. 475
- Stallbrass, E., on Deep-sea Soundings in Connection with Submarine Telegraphy, x. 399†
- Stanford, E.—
- Atlases by—Handy, of modern geography, xiv. 272; for Indian schools, i. 615; the London, of universal geography, ix. 530, 729, xii. 56; Parliamentary county, and handbook, of England and Wales, viii. 135
- Compendium of geography and travel†—Europe, edit. Rudler and Ohisholm, vii. 127; Asia, Temple, iv. 514; Africa, Keith Johnston, i. 205; America, North, Hayden and Selwyn, v. 432; Central and South, Bates, i. 79; Australasia, Wallace, i. 410
- Maps by—Africa (for S.P.C.K.), i. 288; (library), xiii. 310, xiv. 430; (school), i. 159; Alexandria (sketch plan), iv. 710; Asia, countries between Constantinople and Calcutta, i. 157; Egypt, iv. 710; England and Wales, iv. 519; England, Scotland, and Ireland, political, i. 349; Europe, for schools, i. 159; Great Britain, showing localization of forces, i. 349; Greece and Ionian Islands, ii. 656; Isle of Wight, tourists, i. 747; London, county of, contoured, xiv. 879; and suburbs (library), xiii. 190; for schools, i. 288; Nyasaland, xii. 773; Transvaal gold fields, etc., x. 402; World (library), i. 153, 744; Zambesia, Northern, xii. 773; Zululand, i. 287
- Stanley, Capt. Owen, visit to Timor Laut, vi. 116
- Stanley, H. M., explorations in Africa, 1874-77, map showing, i. 80; on the proposed African overland telegraph, i. 268, 271; expedition on the Congo, ii. 183, 562, iii. 97, 358, 392, 486, iv. 759; return from the same, iv. 606; Vega medal awarded to, v. 362; Visit to his Stations, Johnston, v. 569\*, 605, 667; on the Congo basin, vi. 742; remarks

- Stanley, H. M.—continued—
- at anniversary dinner, vii. 481; the Congo and the founding of its Free State, vii. 486†; on the Congo Free State, viii. 625; expedition for relief of Emin Pasha, ix. 47, 114, 126, 202, 584, 759, 765, x. 646, xi. 95, 342, 785, 740, xii. 37, 375; Junker on, x. 391, 588; Strachey on, x. 411; De Winton on, x. 537, 732; Meyer on, xi. 385; his letters on the same, xi. 261\*, 720\*, (discussion on), 378; maps illustrating, xi. 401; regard of, visit to, Werner, xi. 460†; story of, from his letters, xii. 53†; account of, Waters, xii. 182†; correspondence on, xii. 247†; Sketch of his achievements, Montefiore, xi. 397†; arrival at Cairo, xii. 94; map showing all his journeys, Ravenstein, xii. 123; Albert Hall meeting in his honour, xii. 229; R. G. S. medal to, xii. 287; Geographical results of expedition, xii. 313\*, memorial stars for the Zanzibaris, xii. 463; dinner to, xii. 488; In Darkest Africa, xii. 502†; Through E. Africa with, Schynse, xii. 361†; Rear column of his expedition, Tromp, xiii. 54†; story of, Jameson, xiii. 124†
- Stanley Falls, Congo river, xi. 349; Grenfell's journey to, vii. 380
- Stanley Pool, iv. 686, v. 574, 693, 702, 703, vi. 622, 624, vii. 354—
- Annexation of territory at, De Brazza, iv. 226
- Arab insurrection at, ix. 312
- Beat Journey round, Comber, vi. 71\*
- Journey to, Crudgington and Bentley, iii. 553\*; map, iii. 768
- King Makoko of, v. 288
- Livingstone inland mission, and others, to, iv. 294, 686
- Longitude of, Stanley, iii. 735
- Stages on Stanley's route from Banana to, iv. 687
- Stam Creek, South, British Honduras, xi. 542, 544
- Stanovoi range, Siberia, ix. 379; Cherski's exploration of the, xiv. 409
- Stanton, R. B., Availability of the Cañons of the Colorado for Railway Purposes, xiv. 874†
- Stapfer, Ed., Le Palestine au temps de Jésus Christ, vii. 54†
- Stapff, Dr., on the geology of the neighbourhood of Walfish Bay, ix. 57; explorations in the coast region of S. Western Africa, ix. 511; Originaalkarte des Unteren Khuisb Thales, ix. 529
- Star-anis oil, manufacture of, viii. 239
- Starchewsky, A., Manual for Russians in Central Asia, i. 148†
- Statesman's Year-Book, edit. Keltie†, viii. 282, x. 320, xi. 193, xiii. 243
- Statistics, Social, Political, and Medical, Studies in, Longstaff, xiii. 188†
- Statkowski, B., Problèmes de la Climatologie du Caucase, i. 687†

- Staudinger, P., journey, with Hartert, to Sokoto, ix. 256, 306; Im Herzen der Haussaländer, xi. 188 †
- Steains, W. J., the valley of the Rio Doce, ix. 702; Exploration of the same, x. 61 \*; award of Back premium to, xiii. 294
- Stebnitzky, on local attraction, x. 172; on Gerard's old map of Russia, xii. 50
- Stecker, Dr. A., expedition into Central Africa, i. 534, v. 551; map of Lake Tana, iii. 768; exploration of the same, iv. 106, 107
- Steb, C., Die Gebirgs-Systeme der Balkan-Halbinsel, xi. 509 †
- Stiel, W. G., the Mountains of Oregon, xiv. 133 †
- Steele, J. S., Canoe and Camera. tour through the Maine Forests, ii. 590
- Steenstrup, Prof., expeditions in Greenland, i. 331, xi. 435; Voyages of the Zeni in the North, v. 681 †
- Steele, Bishop, death of, iv. 687
- Steinacker, Baron von, on the climate, trade, etc., of German S. W. Africa, xi. 308
- Steinen, Dr. K. von den, explorations of the Xingu river, viii. 517, ix. 193, 345, viii. 517, x. 309, 593; Durch Central-Brasilien, ix. 208 †; on the Bororo Indians, xi. 111
- Steingrimsfjord, Iceland, x. 306
- Steinhauser, A., Die Geoplastik der Gegenwart in Oesterreich, vii. 410 †; Hand Atlas, viii. 680; maps by—Alps (school, wall), iii. 128; *id.*, of Austria, iv. 328; Austria-Hungary, viii. 213; Bosnia, iv. 328; Das Planeten System unserer Sonne nach Littrow's und Arago's Angaben, ii. 80; Das Sand-chak Novi Bazar neb-t Nord-Albanien, etc., i. 747; Hungary (places and roads), iv. 519, 579; of mathematical geography, iv. 192; Servia, viii. 64
- Stella land, Lavertine's map of, vii. 200
- Stelling, E. W., on the Angara river at Irkutsk, xi. 119
- Stephen, Leslie, Dictionary of National Biography †, ix. 135, 323, 525, x. 609, xi. 517, 754, xii. 184, 439, 642
- Stephens and Catherwood, Messrs., visit to the ruins of Copan, viii. 572
- Sternberg, Baron U., adventure on the Elbruz mount, xi. 99, 100; search for Messrs. Donkin and Fox, xii. 271
- Stevens, C. E., the City, a Study with Practical bearings, xii. 308 †
- Stevens, D. C., sketch map of proposed railway extension from Natal, etc., xiii. 246
- Stevens, Henry, Reproduction of Johann Schöner's Globe of 1523, etc., x. 319 †; dawn of British trade to India. See Birdwood.
- Stevens, T., Around the World on a bicycle, ix. 525, xi. 124 †; on the Tsavo district East of Kilimanjaro, xii. 231
- Stevenson, Jas., on journeys west of Lake Nyasa, i. 321; project of a road between Nyasa and Tanganyika, iii. 272, 277; on the longitude of Lake Nyasa, iii. 367; the Water Highways of the Interior of Africa, v. 498 †; on Stewart's discoveries in East Central Africa, v. 658, 689; the Arab in Central Africa †, x. 603, 640
- Stewart, C. S., Visit to the South Seas, etc., xi. 755 †
- Stewart, Col. C. E., on telegraph lines in Persia, i. 270; the Country of the Tekke Turkomans and the Tejend and Murghab rivers, iii. 513 \*; the Herat Valley and the Persian Border, viii. 137 \*; remarks at evening meetings, v. 135, 170, vii. 582
- Stewart, Dr. J., the Second Circumnavigation of Lake Nyasa, i. 289 \*; remarks on journeys West of Lake Nyasa, i. 323
- Stewart, Gen. Sir Donald, expedition to the Andaman Islands, x. 568
- Stewart, Jas., polar expedition of, iii. 586
- Stewart, Jas., C. E., explorations and journeys in the Lake Nyasa region, i. 289 *et seq.*, 305 *et seq.*, 590, 790, ii. 44, 122, 247, iv. 420, 686, v. 659; remarks on the Society's East African expedition, ii. 740; observations in the Nyasa-Tanganyika region, ii. 428; Coles on, ii. 431; Lake Nyasa and the Water Route to the Lake Region of Africa, iii. 257 \*; survey of Lake Nyasa, iv. 500, v. 689; road between Nyasa and Tanganyika, iv. 294, v. 290, 689; obituary of, v. 724
- Stickeen river, British Columbia, mining operations at, xiii. 67, 71
- Stieler, A., Hand-Atlas, i. 288, 480, 416, 751, ii. 80, 208, 335, iii. 126, 448, iv. 446; *id.*, Neue Lieferungs-Ausgabe, x. 403, 748, xi. 64, 196, 260, 324, 404, 468, 524, 580, 704, 760, xii. 127, 191, 256, 312, 443, 508, 576, 648; school atlas, Berghaus, v. 56
- Stieng dictionary, Azémar, ix. 587
- Stier, H. C. G., Vlämisches Tagebuch über Vasco da Gama's Zweite Reise, 1502-1503, ii. 783 †
- Stock, E., remarks on explorations in Central Africa, ix. 417
- Stockholm. geographical Society of, v. 177; proceedings of, iv. 338, v. 47, 107, 176, 178, 362, 496, vi. 49, 164, 352, 541, vii. 402, 553
- Stocqueler, J. H., travels in S.W. Persia, xii. 552
- Stok Range, Himalayas, explanation of, v. 616
- Stokes, Admiral John Lort, obituary of, vii. 673
- Stokes, C., journey to Victoria Nyanza, i. 590; in Usambara and Nguru districts, vi. 464
- Stokes, Sir G., remarks at the dinner to Mr. Stanley, xii. 495

- Stoll, Dr. O., *Zur Ethnographie der Republic Guatemala*, vii. 56 †
- Stolpe, C., *Plan von Constantinopel*, li. 251
- Stolpe, Dr., v. 496; notes on Easter Island, v. 362; on Japanese Society, v. 496; on ethnographical objects from Borneo, etc., vi. 50; scientific voyage of, in the *Vanadis*, vi. 49, 51
- Stolze, Dr., *researches in Persia*, i. 333; *Die Handelsverhältnisse Persiens*, vii. 401 †
- Stone, G. H., on surface action of wind-driven sand, viii. 192
- Stone, General, on the hydrography of the Equatorial lakes, iii. 114
- Stone, O. C., *A few Months in New Guinea*, i. 743 †
- Stone, Olivia M., *Teneriffe and its Six Satellites*, etc., x. 51 †
- Stone's Dunedin and Invercargill Commercial, etc., Directory, viii. 408
- Stor Fiord, Spitzbergen, v. 96
- Store Björgafjeld, Rabot's journey to the, viii. 48
- Storm, Dr. Gus'av, *Studier over Vinlands-reiserne* †, x. 315, xi. 462
- Storm, Mr., *expedition up the Pileonayo*, xiii. 39
- Storms, Capt., at Karema, v. 105, 381
- Stornoway, heat and light at, and London, compared, x. 410
- Stoher, Mr., on some defects of the Ordnance maps, ix. 703
- Stow, J. P., *South Australia, its History*, etc., vii. 696 †
- Stower, Dr., referred to, v. 722
- Strachan Captain J., second expedition to New Guinea, viii. 333; *Explorations and Adventures in New Guinea*, x. 605 †
- Strachan, R., *Meteorological Observations made at Asuncion, Paraguay*, viii. 407 †
- Strachey, Sir Henry, on the construction of the Himalayas, v. 612
- Strachey, Sir John, India, xi. 56 †
- Stracey, Gen. R., on the proposed Antarctic expedition, ix. 757; address on opening session 1887-88, ix. 765; Annual Address on the progress of Geography, ix. 331\*, x. 405\*, xi. 405\*; Lectures on Geography at Cambridge, x. 461, 205, 220, 275, x. 609 †; *Meteorology of the Red Sea and Cape Guardafui*, x. 704\*; remarks at evening meetings, vi. 446, ix. 41, 86, 174, 231, 376, 478, 490, 567, 768, x. 21, 24, 41, 43, 133, 205, 273, 275, 350, 376, 411, 435, 518, 531, 763, 800, xi. 82, 272, xiv. 33; at the geographical dinner to Mr. Stanley, xii. 495; on opening session 1888-89, x. 800; on presenting medals, ix. 452, 453, x. 466, 470, 537, xi. 449, 450
- Strahan, Major, *Indian survey work of*, iv. 341
- Straits Branch of the Royal Asiatic Society, *Journal of the*, xii. 570 †
- Straits Settlements, Report on the Forest Department of, for 1886, Cantley, ix. 648 †
- Strangways, H. B. T., on the overland telegraph through Africa, i. 217
- Strassburg, plan of, x. 113
- Straube, J., *Plan von München*, ix. 655
- Strauber, Dr. Anton, *Das Studium der Geographie in und ausser der Schule*, x. 399 †
- Stranas, A., *Bosnien: Land and Leute*, iv. 574 †
- Streeter, E. W., on the Ruby mines near Mogok, Burma, x. 272
- Streeter, G. Skelton, the ruby mines of Burma, ix. 701
- Street's Indian and Colonial Mercantile Directory for 1888-89, xi. 314 †
- Strelbitsky, M., *Superficie de l'Europe*, iv. 245 †; on the area of Saghalien, vii. 191; journey in Khorassan, xii. 296
- Strétoff, G., *La Macédoine Orientale*, xiv. 723 †
- Strickland river, New Guinea, xii. 690
- Strickland, Sir Edward, obituary of, xi. 612
- Stringer, C. E. W., Report of a Journey to the Laos State of Nan, x. 395 †
- Strokkur geysir, Iceland, iv. 132
- Struve, H., *Landkarten, ihre Herstellung und ihre Fehlergrenzen*, ix. 721 †
- Stuart, H. V., *Nile Gleanings concerning the Ethnology, etc., of Ancient Egypt*, ii. 141 †; *Egypt after the War*, vi. 102 †
- Stuart, J. M., on the old workings of mines in the Transvaal, x. 440; the Ancient Gold Fields of Africa, xiii. 637 †
- Stuart, J. McDouall, *track across Australia*, vi. 290
- Stuart, Sir A., remarks at anniversary dinner, 1886, viii. 470
- Stübel, A., *Skizzen aus Ecuador*, viii. 603 †
- Student's atlas of modern and physical geography, by Collins and Sons, iii. 128
- Studer, Professor B., on the action of glaciers, x. 788 and note
- Stuhlmann, Dr., expedition to Lakes Albert Edward and Albert, xiv. 545
- Stule-Vsek pass, Caucasus, xii. 267
- Stumm, Capt. H., *Russia in Central Asia*, vii. 554
- Stutfield, H. E. M., *El Maghreb, 1200 miles ride through Morocco*, viii. 344 †
- Suabini tribe, New Guinea, xiv. 415
- Suakin, maps of country and route between Berber and Fox, vi. 110, 488; Gordon (facsimile of), vii. 266; *Istituto Cartografico Italiano*, vii. 266; Letta, vii. 412; between Matammeh and Letta, vii. 412; between Kassala and Menges' itinerary, ix. 397; of country adjacent to, vii. 700
- Suam river, East Africa, xiii. 201

- Suanetia, vii. 597 *et seq.*: Freshfield on, x. 325\*; glaciers of, x. 339 *note*, 730 *et seq.*; journey in, Bernoville, x. 320; Savage S., Phillips-Wolley, vi. 100†; survey of, xiv. 110
- Suanetian language, x. 334; race, its manners and customs, x. 328 *et seq.*
- Suabrika, or River of Golden Sand, viii. 685
- Subansiri river, i. 126, iv. 258, 320; discharge of the, x. 582; in flood, vii. 320
- Subash river, Caucasus, xiv. 174
- Submarine explorations, summary of, vi. 595
- Subof. *See* Zubof.
- Su-chau, Central Asia, climate and productions of, xii. 74; road to, xii. 70, 71
- Suchmuz and Bukshi clans of the Turkomans, iii. 541
- Suckling, Mount, New Guinea, xiv. 789
- Sudan—**  
 Almanac of †, xi. 188, xii. 121  
 Area and population of, vi. 630  
 Bird's-eye view of, vi. 361  
 Campaign in, History of, Colville, xii. 436†  
 Central, and Niger Sketches, Thomson, viii. 734†  
 Eastern, Egyptian—Ethnology of, Keane, vii. 346†; maps of—Camperio, vii. 494; French war office, v. 629; intelligence branch, war office, vi. 109; large scale, war, vii. 266; (of part of), vi. 361; provinces of, report on, vii. 197  
 Expeditions in—Labruyère and Court, i. 591; Matteucci and Gessi, i. 610  
 French—explorations in, x. 378; Five Years in, Béchet, xi. 513†; map of, war department, xiii. 62; war and mission in, recollections of, Péroz, xi. 513  
 Hausa race of, Hallen on opening relations with, xiv. 715  
 Knowledge of, State of our, Paulitschke, viii. 601†  
 Life in the, Williams, vi. 686†  
 Maps of—Italian Geogr. Inst., vii. 266; Letts, vii. 412; relief, Briou, vii. 494  
 Railways of, v. 299  
 Routes from Northern Africa to, Blanc on, xi. 455  
 Revolt in, 1878, Story of, Messedaglia, ix. 261†  
 Sahara and, Nachtigal †, i. 610, iv. 121, xi. 571  
 Seven Years in, Gessi, xiv. 341†  
 Under Egyptian Government, Buchta, x. 177†  
 Wanderings in, Speedy, vii. 55†  
 Wild Tribes of †, James, vi. 54, vii. 54  
 Suddra river, Iceland, iii. 473
- Suess, Ed., Das Antlitz der Erde, † vii. 490, x. 399; on Changes in the Sea-level, xiv. 639
- Suez canal, country between El Arish and, ix. 585; Lesseps on, iv. 767; mean sea-level of, viii. 397
- Suez, Gulf of, meteorology of, x. 705, 706
- Suez, Isthmus of, rise of land in the, xi. 647
- Sugawand route from Ghazni to India, ii. 565
- Suget pass, height of, xii. 90
- Sugh, Island of, Malay Archipelago, v. 91
- Sugu-nov lake, ix. 442
- Sugun-Dagh mountains, i. 175
- Sugut river, North Borneo, x. 143
- Suhari palms, Lake Nynsa, i. 314
- Sujbulak, Persia, xiv. 259
- Sukand or Sagand, Persia, iii. 516
- Sukkur on the Indus, ii. 530, 531
- Sul stream, Southern Persia, v. 161, 162
- Sula-hu or Buluntari, river, xii. 77
- Suliman range, i. 38, 40, 41 *note*, 57, ii. 240; survey from Pishin to, Biddulph, ii. 236
- Sultjelma mountain, Sweden, vii. 611
- Sullivan, Adm. Sir B., obituary of, xii. 113
- Sullivan, H. N., the resources of Siberia and the practicability of the northern sea route, xi. 694
- Sulphur island, Bonin group, xiii. 371
- Sultan Sanjar, town of, iv. 349
- Sultanabad, Persia, iii. 525, v. 158, xii. 525, 526
- Sulu islands, Notes on the, Pryer, v. 90\*; cessions of land in Borneo by Sultan of, i. 122
- Sumatra—**  
 Battak country in, Westenberg's journey in, xiii. 561  
 Central, Dutch Expedition in, i. 362, 682, 759\*, ii. 588†, iii. 441†, iv. 575†; Fauna of, Snellemann, vii. 195†; Report of Journey in, Hagen, ix. 713†; sketch map of part of, xiv. 202  
 Expeditions in—French scientific, iv. 379; Izermann, xiii. 611; Van Rijkevorsel, ix. 128; Saint-Pol Lias, ii. 253; Veth, vii. 253  
 From France to, St.-Pol Lias, vi. 543†; Island of, *id.*, vi. 169†  
 Maps of—vi. 174, 238, ix. 267, xiv. 881; Hagen, v. 248; *Pet. Mitt.*, ii. 206  
 Natural History results of expedition in, Snellemann, vii. 195†  
 Tobacco cultivation in, map of, xiv. 349
- Sumba (Sandalwood) island, xiv. 469
- Sumbar river, i. 176, 178
- Sumbo (Msika), Central Africa, xiv. 37
- Sunda islands, expedition to, Ten Kate, xiii. 122
- Sunda, Straits of, volcanic eruption in, vi. 467; survey of, vi. 378
- Sundarban, the, its Physical Features and Ruins, Rainey, xiii. 273\*
- Sunday or Raoul island, x. 316, 317
- Sunderland, navigation schools at, iv. 303, 304
- Sundermann, H., Kleine Niasische Chrestomathie mit Wörterverzeichnis, xiv. 729†; Neue Beiträge zur Ethnographie von Nias, xiv. 870†

Sundial, cylinder axis, Loftus, vi. 111  
 Sungacha river, Siberia, ii. 645  
 Sungari river, ix. 533, 548, x. 486, 487  
 Sung-chi Kiang river, Southern China, xiii. 251  
 Sungie Rulih river, Malay Peninsula, iv. 407  
 Sungie Sureting river, Malay peninsula, iv. 400  
 Sung-i-in tribe, Persia, v. 69, 70  
 Sung-pang, Central Asia, ix. 235  
 Sungué lake, viii. 509, 510  
 Sunhodo island, Corea, vii. 340  
 Sunje Ujong State, Malay peninsula, iv. 401, 402  
 Supan, A., Statistik der unteren Luftströmungen, iii. 192 †; Grundzüge der physischen Erdkunde, vi. 302 †; Karte des Jahres-Isothermen, vii. 198, 411; Landwirtschaftskarte und Industriekarte der Vereinigten Staaten und von Canada, ix. 65; on the climate of Europe as regards the duration of a certain mean temperature in different areas, ix. 441; on the climates of the globe, ix. 763; Die Fortschritte der Afrika-Forschung, 1788-1888 (map), x. 482; estimate of the population of the earth, xiii. 689; on meteorological observations in German New Guinea, xiii. 176; on the natural limits of Europe, xiii. 684; Tiefsee-Forschungen (map), xiv. 199; on the mean level of the seas of Europe, xiv. 468  
 Surakwat stream, Pamir, xiv. 209  
 Surama river, Colombia, v. 257  
 Surghwand mt., ii. 224, 225  
 Surinam, Geographical and Industrial Conditions of, Kappler, ix. 133 †; exploration for gold in, i. 798; inhabitants of, Bonaparte, vii. 65 †; Jews of, xiii. 566  
 Surkh river, range near the, i. 592  
 Surkh-Koh mountains, i. 194  
 Surki stream, Afghanistan, i. 628  
 Surrey, Murray's Handbook for Travellers in, x. 539 †; Phillips' new map of, vii. 265; Ward's Guide-book to Sussex and, xii. 637 †  
 Furt, Northern Persia, mineral springs at, v. 72  
 Surtees, Capt. Conyers, mission to El-Wedj, x. 734  
 Surukwat stream, Turkistan, x. 506  
 Survey and Estimates, Preliminary, Gribble, xiii. 242 †  
 Surveys, National, Report on, Wheeler, viii. 803 †  
 Surveying department of the navy, inefficiency of, Temple on, i. 733  
 Susa, town of, viii. 523  
 Sussex, archaeological map of, West, vii. 697; Murray's Handbook for Travellers in, viii. 212 †; Ward's Guide to, xii. 637 †  
 Sussuhy-Grande, Rio, Brazil, x. 62, 76  
 Sussa or Donyo Longonot, extinct volcanic crater, E. Africa, vi. 702

Sutherland, A., Elementary Geography of British Colonies (in part), xiv. 577 †  
 Sutherland, H., a new trade route between America and Europe, viii. 728  
 Sutherland, Lieut.-Col., Memoir on the Kaffirs, etc., of South Africa, xiii. 639 †  
 Sutlej river, North India, v. 615, 618, 620, vii. 707 et seq., xiii. 417  
 Suto dialect, South-East Africa, v. 285  
 Su-wōn-pu, Corea, v. 279, 280  
 Suyá tribe, viii. 522  
 Svanetia. See Suanetia.  
 Svenonius, M., exploration of Swedish Lapland, x. 454  
 Sviridoff, M., on the exploration of the Uzbol, vi. 286  
 Svoboda, Dr., Ein kurzer Besuch auf den Nicobaren, x. 738 †; Annam und das Französische Cochinchine, xi. 315 †; Futschau-fu am Minflusse, xi. 315 †; Die Nikobaren-Inseln und ihre Bewohner, xi. 513  
 Swabill, Introduction to, Slack, xiii. 636 †  
 Swakop river and Damaraland, S. Africa, vi. 25  
 Swan, R., Notes on the Geography and Meteorology of Mashonaland, xiv. 299 †; stations in Mashonaland, astronomically observed, xiv. 303; on the Orientation of the buildings at Zimbabwe, xiv. 306; Some Features of the Ruined Temples of Mashonaland, xiv. 873 †  
 Swansea, Official Guide and Handbook to, Gamwell, ii. 654 †  
 Swanzy, A., obituary of, ii. 418  
 Swat river, explorations of the Mullah in the valley of, i. 716, ii. 434  
 Swayne, Capt., explorations in E. Africa, x. 708; sketches and photographs of Northern Somaliland, xiv. 512  
 Swazi country, gold mines of the, ix. 502  
 Sweden—  
 Atlas of, Roth, i. 160; Selander, iii. 256  
 Geological survey maps of, i. 612, ii. 74, iii. 640, v. 309, vi. 359, vii. 130, x. 56  
 Maps of, by Swedish general staff, iii. 250, viii. 478, ix. 327, x. 257, 400, xi. 465, xiv. 200, 580  
 Murray's Handbook for Travellers in, viii. 212 †  
 Nautical training in Norway and, iv. 301  
 Railroads of Norway and, map of, Lundberg, xi. 756  
 The highest mountain in, vii. 611  
 Swedish—  
 Antarctic expedition, proposed, ix. 309; id., in conjunction with Australian colonies, xiii. 614  
 Arctic expeditions, i. 3, 16, v. 562, 563  
 Exhibits at the Venice Geographical Congress, iii. 754  
 Expedition to Spitzbergen, xii. 752; id., geological, iv. 424  
 Geographical Society. See Stockholm.



**Swedish—continued—**

- Polar meteorological expedition and station, iv. 293, 499, 549, 608, 753, vi. 352  
 Settlement on the west coast of Africa, vii. 539  
 Sweer's island, Gulf of Carpentaria, iii. 228  
 Sweetser, M. F., Handbook of the United States, xiv. 572 †  
 Swettenham, F. A., Journal of Journey Across the Malay Peninsula, viii. 276 †  
 Swinstead, Mr., on geographical education, viii. 119  
 Swiss exhibits at the Venice Geographical Congress, iii. 753; maps, relief and geological, xi. 557; Travel and Guide-book, Coolidge, xi. 508 †  
**Switzerland—**  
 Ancient map of, facsimile of, Türist, vii. 397  
 Annual of, Picturesque and Hygienic, xiv. 867 †  
 Atlases of—Popular, xiv. 879; topographical (Government), i. 224, 614, ii. 336, iii. 127, 448, iv. 584, v. 312, 504, vi. 243, viii. 680, ix. 658, x. 484, xi. 260, xii. 256, xiv. 272  
 Bibliography, National, of, Graf, xiv. 566 †  
 Bird's-eye view of, xii. 643  
 Föhn Wind region, sketch map of, Berndt, viii. 605  
 Forest Cantons of, Sowerby, xiv. 723 †  
 Handbooks to †—Baedeker, vii. 696; Murray, i. 537, ix. 130, xiv. 60  
 Lakes of, depth of, Hörnlmann on, ix. 686; study on, Thoulet, xiv. 723  
 Maps of:—Drioux and Leroy, ii. 463; Dufour, iii. 116, viii. 751; Keller, ix. 655; Leuzinger, v. 435, viii. 412, xi. 399; *id.*, relief, vi. 753; Ziegler, vii. 265; *id.*, (wall), v. 627, x. 322, xii. 441, xiv. 348; of the Cantons of, xi. 521; Evolena, Zermatt, Monte Rosa, xiv. 812  
 Nivellement de Précision de, Hirsch and Plantamour, ii. 655 †  
 Photographs of, Jackson, xiii. 700  
 Population of, xi. 177  
 Railway map of, small official, v. 375  
 Roads of, Bavier, i. 281 †  
 Statistics of, xiv. 723 †; Stat. Year-book of †, xiv. 658, 867  
 Triangulation of, by Geodetic Commission, vii. 257, xi. 459  
 Unknown, Tissot, xi. 509 †  
 Work on, Egli, ix. 205 †  
 Sydney, Cape Breton, Spanish settlement at, vii. 37  
 Sydow-Habenicht, Methodischer Wand-Atlas von Africa, xiv. 66  
 Sydow-Wagner, Methodischer Schul-Atlas, x. 188  
 Sylhet, N. India, v. 617 and note, 619, 620  
 Sylvia mount, Formosa, vii. 20

- Syleia, H.M.S., surveys of, i. 370, v. 593  
 Symons, Lieut. T. W., map of the department of the Columbia, iv. 454; Report of an Examination of the Upper Columbia river, etc., iv. 773 †  
 Syr Daria or Jaxartes, xiii. 24; irrigation works on the, iii. 100  
 Syr Daria region, growth of Russian colonies in, xi. 174; reconnaissance of, ix. 435; Kirghizes and Karakirghizes of, Grodekof, xii. 185 †; the Country of Seven Rivers, the Zarafshan and the, etc., Ujfalvy, i. 405 †  
**Syria—**  
 Caravan routes from Egypt to, ii. 392  
 Central, Physical Geography and Geology of, Diener, ix. 259 †  
 Description of, including Palestine, Mukaddasi, transl. Le Strange, ix. 323 †  
 Journeys in Unfrequented Parts of, Hill, xiii. 53 †  
 Map of, and Palestine, xi. 521  
 Murray's handbook for travellers in Palestine and, xiv. 197 †  
 North, Historical Geography of, Sachau, xiv. 725 †; map of, Kiepert, xii. 369  
 Of To-day, Lortet, vi. 99 †  
 Travels in, and Mesopotamia, Sachau, v. 743 †  
 Voyage of Nassiri Khosrau in, Schefer, iv. 120 †  
 Syrian and Cilician gate, viii. 96  
 Syrian Stone-Lore: Monumental History of Palestine, Conder, ix. 259 †  
 Syrt plain, Turkistan, x. 501  
 Syud Yaru plain, ii. 235  
 Szzechenyi, Count, explorations in China and Tibet, i. 146, 535, 595, 737, 792, ii. 196, 408, vii. 81; route map of journey from Sayang to Bhamo, iii. 512  
 Sze-chuen, province of, China, i. 128, v. 441, 452, xiii. 330; best route to, viii. 501; inhabitants of, viii. 381, 382; journeys in, Hosie, vii. 120, 242, viii. 371\*, Parker, iv. 610; trade of, viii. 381, 382, x. 381  
 Szi tribe, Upper Burma, xiv. 167

**T**

- Tabbas, Persia, iii. 522  
 Tabin plateau, Afghanistan, ii. 623, 624  
 Tabirap village, New Guinea, vii. 173  
 Tabora, E. Africa, xii. 242; journey from Kagéi to, Wilson, ii. 616; Kaiser's journeys in the district of, map of, Kiepert, vi. 239  
 Tabriz, Persia, xii. 530; road from, to Tehran, v. 123; route from, to Sâdûbulâgh, map of, Houtum-Schindler, v. 749  
 Tacaragua, map of Lake of, Hesse-War-tegg, x. 812  
 Tache Keupri or Pul-i-Khisti, Afghanistan, vii. 562

- Ta-chien-lu (Darchendo), vii, 73, 328; journeys to, Baber, i. 719; Pratt, xiii. 329 \*
- Tachtadsehy, or Allevi tribe, Lycia, x. 104
- Tadjiks. *See* Tajik.
- Tadjura, Gulf of, French stations in, vii. 552
- Tado country, W. Africa, D'Albea's journey in, xiii. 178
- Tae-ping Rebellion, Events in the, by A. E. Hake, xiv. 425 †
- Tafropoulo, M., map of the "Byzantine Empire," v. 736
- Tagas river, Hindu Kush, i. 117
- Tagharma peak, Pamir, xiv. 12
- Taghazghuz people, vii. 581
- Tagh-dum-bash, Pamir, xiv. 220, 221
- Taghu Robat, Afghanistan, vii. 608
- Tagish Indians, Alaska, xiii. 82
- Tagliabue, E., Dieci Anni a Massaua, x. 741
- Tahan district, Expedition to the, Ridley, xiv. 533 \*
- Tahoe Lake, region of, topographical map of, Wheeler, iv. 455
- Tahiti, the Garden of the Pacific, Hort, xiii. 571 †
- Taibad-su river, Persia, v. 10
- Tai-dong river, Korea, viii. 300
- Taimyr island and peninsula, i. 23, 24
- Taintor, Mr. E. Coe, obituary of, i. 216
- Tai-ping, Southern China, xiii. 254
- Tairona Indians, S. America, iii. 722
- Tait, M., Yorkshire; its Scenes, Lore, and Legends, xi. 187 †
- Taiwan, city of, viii. 720
- Tai-yuen-fu, Central Asia, xii. 58, 60, 71
- Tajik tribe, i. 250, iv. 415, vi. 497, viii. 34, 42
- Takabelle mount, Benue river, xiii. 466
- Takatu mountain, ii. 216, 221, 538
- Takhta Dawson, Turkistan, xiv. 782
- Takhta-Karacha pass, v. 669, ix. 245
- Takht-i-Rustam, Afghanistan, vii. 164
- Takht-i-Suliman peak, i. 51, 345, v. 720
- Takir, soil of Kara-kum desert, vii. 233
- Takla-Maklan desert, Central Asia, xii. 31
- Takow harbour, Formosa, vii. 3, xi. 225
- Takutu river, British Guiana, ii. 482
- Takwa range and town, Gold Coast, iv. 505
- Talaing tribe, viii. 482, 499
- Talbot, Captain, survey of the Persian frontier, vi. 371
- Tal-Chotiali route between India and Candahar, Prendergast's explorations of, i. 334; Vyse on, ii. 318. *See* Thal.
- Taldik pass, Alai mountains, xiv. 6
- Tale-sab lake, Cambodia, iii. 665; *id.*, Malay peninsula, vii. 252
- Ta-li-fu, China, v. 451, 452; Colquhoun's route from, to Bhamo, iv. 728
- Talikán, ancient capital of Afghanistan, vii. 580
- Talisman, the, marine researches of, v. 561, 740, vi. 94, 346, 347, 395, xi. 605
- Taliva, S., Atlas cantonal de Lot-et-Garonne, ii. 592
- Talkád, city of, vii. 724
- Tallenay, Jenny de, Souvenirs du Venezuela, vi. 172 †
- Tallik river, Central Asia, iii. 343 *note*
- Taltsan De-so-river, Great Slave lake, v. 728
- Talung, Sikkim, xiv. 614
- Talysh, Radde's Work on, vii. 554 †
- Tamaná river, Colombia, v. 257
- Tamatave, Madagascar, xiv. 740
- Tambaquary, Rio, Brazil, x. 76
- Tambo, Peru, xii. 229, xiv. 397
- Tambapata river, Bolivia, v. 322
- Tambraparni river, S. India, vii. 732
- Tambuyukan ranges, Borneo, v. 351
- Tamerlan, à travers le Royaume de, Capus, xiv. 868 †
- Tamitatala-Batovy river, viii. 517
- Tamlyat, Turkistan, vi. 505 *and note*
- Tamoro tribe, New Guinea, xiv. 415
- Tampassuk valley, North Borneo, x. 135
- Tamsui, Formosa, v. 674, vii. 1 *note*, 3, 5
- Tana district, Lower, map of, Deuhardt, vi. 361
- Tana, Lake, Dr. Stecker's explorations of, iv. 106, 107
- Tana river, map of the lower, Denhardt, vi. 361; explorations on, Denhardt, i. 383, Dundas, Gedge on, xiv. 513 \*, Peters, xii. 699, Pigott, xii. 129 \*: physical features of the, xiv. 529
- Tanala district, Madagascar, iv. 523-527; routes in, iv. 531
- Tananá river, Alaska, report of expedition to, Allen, x. 396, 397
- Tanganyika, Lake, v. 695, vii. 335, 438—Country between Nyasa and, Stewart on, ii. 428; journey in, *id.*, iv. 294
- Discovery of, Burton's, xii. 759
- Evolution of basin of, Thompson on, iv. 627
- Expeditions to—German, iv. 570; L.M.S., i. 788, ii. 42; various, ii. 248
- Hore on, iv. 1 \*, xi. 58 \*: his work at, viii. 328
- Level of, changes of, Hore, iii. 41; rise of, i. 63, iii. 270, 310
- March round, Thomson, ii. 732
- Missions to, i. 207, 788, ii. 42, 248
- Monthly mail to, from Zanzibar, ix. 114
- Outlet of, iii. 274, 275; Hore's visit to, ii. 41; Buxton on, ii. 256
- Road from Nyasa to, iv. 294
- Routes between the Lualaba and, Böhm and Reichard, map of, ix. 328
- Station on west coast of, founded by Algerian Fathers, vii. 399
- Steamer for, London Missionary Society's, ii. 507, 518, iii. 273, iv. 163, v. 290, 382, vi. 219
- Tabl-land between Nyasa and, xii. 733, 734
- To, in a Bath-chair, Hore, xiv. 58 †
- Western side of, journey along, Thomson, ii. 306
- Work on, Hore, xiv. 571 †

- Tangata bay, E. Africa, i. 85  
 Tang-i-khast river, S. Persia, v. 161  
 Tang-i-rudyān, Persia, v. 162  
 Tang-i-rukh kotul, the, S. Persia, v. 145  
 Tang-i-siah river, S. Persia, v. 146, 147  
 Tangla Range, Tibet, vii. 70, ix. 225 *note*  
 Tangutans, tribe, vii. 169, 171  
 Tangye, R., Reminiscences of travel in Australia, America, and Egypt, vi. 106†  
 Tunis, Nile delta, rise of land at, xi. 647  
 Tanjong Unsang promontory, Borneo, v. 90  
 Tan-kiang river, Southern China, xiii. 256  
 Tanner, Col., surveys in Afghanistan, i. 64; visit to Kafiristan, i. 513, ii. 426; Kafiristan and the Kafir language, i. 713; surveys in Gilgit, etc., ii. 433, 697, iii. 694; map of the same, iii. 313; notes on the Chugāni and other tribes of Kafiristan, iii. 278\*; surveys in British India, iii. 400; report on Himalayan snow peaks, vii. 752; Freshfield's notes on the same, vii. 753; on the position of Mount Everest, viii. 91; work in the Himalayas, viii. 429; on the lower course of the Yaro-tsampo, x. 578; on the identification and name of Mount Everest, xiii. 108, 109; our present knowledge of the Himalayas, xiii. 403\*; Bar-Subtense survey, xiii. 675\*; photography as a means of surveying, xiv. 714  
 Tanner, Prof. H., the Canadian North-West, etc., viii. 538†; British Columbia: its agricultural and commercial capabilities, ix. 717†  
 Tao, O., Le Song-thu-bon et la Baie de Tourane, xiv. 725†  
 Taoghar hill, Afghanistan, vii. 571  
 Tuo-kuang, Emperor, mausoleum of, v. 30  
 Tapajos, Dr. J., O Amazonas e a França, xiv. 505  
 Tapajos river, Brazil, expedition to, Telles, Miranda and Villeray, x. 651  
 Tapal range, Persia, v. 79  
 Taping river, Upper Irawadi, vii. 302, 305  
 Tapo, town of, viii. 252  
 Tapochao peak, Island of Saipan, ix. 759.  
 Tappenbeck, Lieut., expedition on the Congo, viii. 270, 634, 635; journey down the Lokenye river, ix. 115; result of expedition to the Cameroons, x. 447; last expedition and death of, xi. 607  
 Taptee river, viii. 683, 684.  
 Tapuis Indians, Bolivia, xii. 673  
 Taranaki, or Mount Egmont, New Zealand, vii. 202  
 Taranchi tribe, Kuldja, ii. 496, iii. 346  
 Tarapacá, Peru, General aspects, etc., of the department of, Bertrand, i. 812†  
 Tarawanda, E. Africa, iv. 732  
 Tarawera volcano, eruption of, its results, viii. 783; Percy Smith on, ix. 718†; plan of the country around, viii. 608, ix. 267  
 Tarbagatai range, Turkistan, iii. 154  
 Tarbolton, J., on depth of frozen soil at Yorkton, viii. 744  
 Tardy, M. Aug., mission to the province of Michoacan, Mexico, v. 559  
 Tarene river, Bolivia, v. 328  
 Tarim river, Tibet, iv. 614, 615, ix. 176, 230, 736  
 Tarlily bay, New Britain, iii. 91  
 Tarma, Central Peru, xiv. 384  
 Tarn, the cañon of the, in S. France, xi. 178; Martel on, viii. 411†  
 Tarquah, town, W. Africa, v. 40  
 Tarsus, highways of, vi. 318, 319  
 Tartar races of Central Asia, iv. 617, 618; tribes of the Caucasus, xii. 258; 259  
 Tartara pass and peak, Khaibar range, i. 45 *note*  
 Taru desert, E. Africa, xiv. 819  
 Tas-dagh peak, height of, viii. 95  
 Tash, coal mines at, Persia, v. 80  
 Tashkent, town of, xi. 289; exhibition at, 1890, Yate on, xiii. 21\*  
 Tash-kuduk to Burdalyk, route from, iii. 727  
 Tashkurghan town, ix. 105  
 Tash-robot pass, viii. 39  
 Tasht, Bay of, Persia, v. 81; Lake, junction of, with Lake Neris, v. 142, 143  
 Tasman, A. J., Dozy on, ix. 324†  
 Tasman glacier, New Zealand, iv. 380, vi. 58, 59, 62  
 Tasman Sea, new name of, xiii. 688  
 Tasmania, A Chat about the Aborigines of, Taylor, xiv. 133†; Crozet's voyage to New Zealand and, transl. Roth, xiv. 133†; map of, xiv. 431; *id.*, Brown, vi. 111  
 Tasmania, Bishop of, A Mutton Bird Island, xiv. 808  
 Tassek Bērā lake, Malay Peninsula, iv. 400  
 Tatagura river, E. Africa, xii. 147.  
 Tataubun pass, British North Borneo, x. 11  
 Ta-tcheu, longitude of, vii. 396  
 Tateyama mountain, Japan, ix. 94  
 Tati, S. Africa, gold-fields of, vi. 33. viii. 66; ix. 693; latitude, height of, iii. 178; ruins at, Mashonaland, xiii. 15, 106  
 Tatra, Upper, lakes of, Roth, x. 106†  
 Ta-tai-en-chih village, China, xiii. 833  
 Ta-tai-en-lu. *See* Ta-chien-lu.  
 Tattoo marks and body painting, Joest, x. 255†  
 Ta-tung-fu, loess basins of, xii. 60  
 Taufikiya, position of, xi. 644  
 Tau-kum sands, river III, ix. 426 *note*  
 Tauli people, Caucasus, xii. 260  
 Taupo lake region, New Zealand, vii. 205 *et seq.*; western tableland of, vii. 224  
 Taurus range, Asia Minor, vi. 308, x. 85 *note*; passes of the, Hogarth, xiv. 51, 354  
 Tautwin, Dr., exploration of Great Belodugu and left bank of Niger, x. 379

Tau Tetnuld. *See* Tetnuld.  
 Tavek-kéhl oasis, ix. 229  
 Tavernier, J. B., *Travels in India* of, transl. Ball, xii. 46 †  
 Taveta district and people, E. Africa, v. 285, 545, vi. 692; route from, to Sen-dego's, iv. 743  
 Tayir, Arabia, vi. 390  
 Taylor, A. J., A chat about the Aborigines of Tasmania, xiv. 133 †  
 Taylor, C. E., Leaflets from the Danish West Indies, xi. 121 †; on the commerce of St. Thomas, xiv. 638  
 Taylor, E. M., Madeira; its scenery and how to see it, iv. 577, xi. 118  
 Taylor, G., A Ramble through Southern Formosa, x. 540 †; Formosa, characteristic traits, etc., xi. 224 *et seq.*  
 Tcham Keni, latitude of, x. 162  
 Tcherniaeff, General, v. 559  
 Tchernichev, M., barometrical observations in the Ural Mountains, ix. 54  
 Tcheraky. *See* Chersky.  
 Tchihatchef, P. de, Espagne, Algérie et Tunisie, ii. 590 †; the Deserts of Africa and Asia, iv. 628\*; Klein-Asien, ix. 519 †; obituary of, xii. 765; *Etudes de Géographie et d'Histoire Naturelle*, xiii. 188 †  
 Tchikuse, chief of Angoni, viii. 79, 80, 87  
 Tchirtchik river, Turkistan, xiii. 24  
 Tchuktche. *See* Chukche.  
 Tebbutt, John, on Australian longitudes, vii. 343  
 Tebulo peak, height of, vii. 602  
 Technical, Industrial and Trade Education, Yeats, ix. 721 †  
 Tedjend. *See* Tejed.  
 Tefenni, latitude of, x. 161, 162  
 Tegethof, Arctic voyage of the, ii. 14, v. 209, 225  
 Teheran, or Tehran, and Shah Abdul Azim, road between, v. 128; plan of, compiled by Soliman Khan, xiv. 814; to Astrabad, Lieut.-Col. Beresford Lovett's itinerary, v. 58; to Enzeli, Russian railway from, v. 134; to the Karun and Mohamrah, General T. Gordon's journey from, xiii. 494  
 Tehuelchea, voyage to the country of the: Explorations in S. Patagonia, Ramon Lista †, i. 479, ii. 201  
 Teissère, Julian, native servant to M. Révoil, v. 718  
 Teita plain, E. Africa, vi. 554, 563, 565, 691  
 Tejed river, Turkistan, iv. 496, v. 4, 14; vii. 581; viii. 721, xi. 285; district of, surveys in, ix. 436; Stewart on, iii. 513\*  
 Tekapo Lake, New Zealand, vi. 58, 64  
 Tekess river, Kuldja, ii. 493  
 Tekke Turkomans and their country, i. 182, iv. 217, 218, 350; Stewart on, iii. 513\*; map of, iii. 254  
 Telegraph, proposed African overland, i. 123, 217, 264 *et seq.*

Teleki, Count, discovery of Lake Rudolf or Samburu, xi. 407, 408; Bergprofil Sammlung, xii. 710; ascent of Mount Kenia, xiv. 532  
 Tel-el-Kebir, sketch of formation of attack, etc., War Office, iv. 709  
 "Télé-nuic," Athabasca, v. 639  
 Tel-espid, Persia, plain of, and roads from, v. 151  
 Telfer, Capt. J. B., Armenia and its People, xiv. 62 †  
 Tell el Hesi (Lachish), Petrie, xiv. 132 †  
 Tell Nebeshah, Isthmus of Suez, wind-action at, xi. 648  
 Telles, Captain, expedition to the River Tapajos, Brazil, x. 651  
 Telok-betong, Sunda Strait, v. 657  
 Tembeling river, Malay Peninsula, xiv. 534  
 Tembwe's village, Central Africa, xii. 154  
 Temby drift route to the Transvaal, ix. 477, 501  
 Temple mountain, Spitzbergen, ix. 516  
 Temple, Lieut. G., on the Aurora Borealis, i. 601; on the unsurveyed coasts of the world, i. 743; voyage on the coasts of Lapland and Norway, ii. 273\*; notes on Russian Lapland, ii. 593\*; the North-east Passage, ii. 653  
 Temple, Sir R., the Highway from the Indus to Candahar, ii. 529\*, 645; India in 1830, iii. 115 †; the Lake Region of Sikkim, iii. 321\*; on the progress of our knowledge of Asia during the last fifty years, iii. 610; on the Geography of the Birthplace and Cradle of the Mahratta Empire, iv. 437\*; on the Central Plateau of Asia, iv. 614\*; Asia (Stanford's Compendium), iv. 514 †; Journals kept in Hyderabad, Kashmir, Sikkim, and Nepal, ix. 393 †; Palestine illustrated, x. 474 †; remarks at evening meetings, iii. 77, 83, v. 21, vi. 442, vii. 89, 290, xi. 293, xiv. 232; on the annual address, vii. 478; on the public schools' medals, vi. 418  
 Temple, Lieut. R. C., on the distribution of Afghan tribes about Candahar, ii. 187; on the rectification of the map of Afghanistan, i. 712  
 Tenasserim, Fea's journey in, x. 711; forest scenery of, viii. 485  
 Teneriffe, its Six Satellites, etc., Stone, x. 51 †; Notes of Travel in Grand Canary and Latimer, xi. 254 †  
 Tenimber islands or Timor Laut, map of, Veth, i. 544; Three Months' Explorations in, Forbes, vi. 113\*  
 Ten Kate, Dr., expedition to the Sunda islands, xiii. 122  
 Tennant, James, obituary of, iii. 240  
 Tennant, Gen., on the position of Mount Everest, viii. 261  
 Tennant, R., Sardinia and its Resources, vii. 829 †  
 Tennieser, Rand, McNally and Co.'s map of, xii. 573

- Tenosique, village of, Guatemala, v. 196  
 Tentak Sor, i. 384  
 Te Pakaru plain, New Zealand, vii. 222  
 Tepehua tribe, Vera Cruz, ix. 568, 570  
 Te Pirori, geyser at Lake Taupo, vii. 209  
 Tequeje river, Bolivia, v. 328  
 Temal forest tract, India, surveys in the, vii. 681  
 Te Rama Kao, extinct volcano on Easter island, v. 41  
 Te Rangikaika forest, vii. 219  
 Terek pass, Alai mts., xiv. 6  
 Termid, Turkestan, vi. 410 *and note*  
 Terminology, geographical, note on, Mackinder, x. 732  
 Teroerde, Père, explorations in the Upper Zambesi region, ii. 694  
 Terraba, Rio Grande de, Viaje de Exploracion al valle del, Pittier, xiv. 342 †  
 Terra Nova colony, vii. 33  
 Terrestrial Magnetism, on the Geography of, Fritsche, vii. 556 †  
 Terror, voyage of the, to Hudson's Bay, x. 556  
 Terskol glacier, Caucasus, xiv. 457  
 Teruta, village, vii. 506, 507, 528  
 Tete, district and town of, viii. 76, 77, xii. 146, 149  
 Tête Rousse, Glacier de la, xiv. 551  
 Tetema river, E. Africa, vii. 663  
 Tetemeko, Lake, East Central Africa, v. 590  
 Tetnuld peak, Caucasus, vii. 598, 600, viii. 644, ix. 617, 767, x. 342 *et seq.*  
 Tevere. *See* Tiber.  
 Texas, Rand, McNally and Co.'s railroad and county map of, iv. 454  
 Tezin river, i. 42  
 Tezyde tribe, x. 104  
 Thaha Insimbi, Matabeleland, x. 294  
 Thabyetkin route to the ruby mines, Burma, x. 263  
 Thachup lake, Tibet, vii. 85  
 Thackeray mount. E. Africa, xii. 149  
 Thai-binh canal, viii. 219, 220  
 Thai Dam tribe, xiii. 711  
 Thai-ngaven town, viii. 227, 228  
 Thal, road from, to Kurram, i. 620  
 Thal Chotiali, An historical, etc., report on the district of, by Surgeon-Major O. T. Duke, v. 677. *See* Tal.  
 Thames as an agent in plant dispersal, Guppy on, xiv. 798; map of the valley of, Johnston, vi. 754  
 Tha-nareither, Chipewyan woman, v. 650  
 Thang dynasty, extract from the Imperial Geography of, vii. 308  
 Thauh-hoa province, viii. 219  
 Thaumoi, Tongking, viii. 241, xiii. 250, 251  
 Theal, G. M'C., compendium of the History and geography of South Africa, i. 205 †; History of the Boers in South Africa, ix. 588 †; History of South Africa †, x. 396, xi. 120, 460, xiii. 375  
 Thénard, J., *Recueil de Voyages*, etc. (thirteenth to sixteenth centuries), vi. 610 †  
 Thessaly, Kiepert's map of, i. 154, iv. 705  
 Thevet, A. E., *Les singularitez de la France Antarctique*, i. 286 †  
 The-yé-Ottiné, North American Indians, v. 651  
 Thian-Shan. *See* Tian.  
 Thielman, Max von, Vier Wege durch Amerika, i. 812 †  
 Thi-lan-Ottine, North American Indians, v. 651  
 Thingkáli, Tibet, vii. 70  
 Tho tribes, viii. 234, 243  
 Thollon, M., survey of the river Jue, xiv. 720  
 Thomas Corwin. *See* Corwin.  
 Thomas, A., *Etymologisches Wörterbuch Geographischer Namen*, ix. 324 †  
 Thomas, C., the Problem of the Ohio Mounds, etc., xii. 707 †  
 Thomas, David, positions of rivers in Matabeleland, x. 295  
 Thomas, Ed., The Indian Bathara, and the Arabian Intercourse with India in the ninth and following centuries, iv. 324 †  
 Thomas, H. T., Untrodden Jamaica, xiii. 570 †  
 Thomas, J., Western Pacific, viii. 802 †  
 Thomas, Louis, journey in Demaraland, etc., ii. 368  
 Thomas, O., on the zoology of the Somali country, vii. 639; on Emir Pasha's natural history work, xii. 474  
 Thompson, Chas., journey from Accra to Prahue, v. 37  
 Thompson, C. M., Manual of the Sextant, etc., ix. 785 †  
 Thompson, C. W., map of routes in Wasaw and Aowin, vi. 488  
 Thompson, David, Journeys of, in N. W. America, Tyrell, xi. 121 †  
 Thompson, E. E., on the prairie fires of N. America, xiv. 91, 97  
 Thompson, E. H., explorations in Yucatan, xiii. 129; extracts from letters on the same, xiii. 186 †  
 Thompson, G., travels and adventures in Southern Africa, i. 205  
 Thompson, Major R. S., journey in Southern Persia, v. 138  
 Thompson, Mrs. E., fund in aid of scientific research, viii. 52  
 Thompson, W. M., Improved Systems of Chaining, or Land and Engineering surveys, x. 609 †  
 Thomson, B. H., narrative of an exploring expedition to the Louisiade and D'Entrecasteaux islands, xi. 525 \*  
 Thomson, John, a Journey through Cyprus in 1878, i. 97 \*; *id.* (with camera), i. 284 †; on Hosie's journey in South-West China, viii. 383; Photography and Exploration, xiii. 669 \*; on the effects of rainfall in Formosa, xiv. 712  
 Thomson, Joseph, appointment to East African expedition, i. 3; on the geology of Usambara, i. 558; reports death of

## Thomson, Joseph—continued—

- Keith Johnston and takes command, i. 670; progress of the expedition, i. 755, ii. 102 *et seq.*, 183, 182, 209, 264, 306, 409, 506, 556-562, 689; account of the same, ii. 721\*; rewards to his men, ii. 761; to the Central African Lakes and back, iii. 375†; expedition up the Rovuma, iii. 630; notes on the basin of the same, iv. 65\*; on the evolution of the Tanganyika basin, iv. 627; expedition in Masailand, iv. 420, v. 99, 405, 410, 115, 475, 544 *et seq.*, 550, 605, 719, 730, vi. 44, 153, 283, 374, 399, 463, 473, 601, 690\*; visit to Wissmann at Cairo, v. 99; to Mandara at Kilimanjaro, vi. 153; observations of, Coles on, vi. 712; through Masailand, vii. 258†; presentation of medal to, vii. 474; Niger and Sudan sketches, viii. 734†; expedition in Morocco and the Atlas, x. 588, 647, xi. 1\*; Travels in the Atlas, etc., xi. 395†; Mungo Park and the Niger, xii. 572†; expedition in S. Central Africa, and return, xii. 742, 752, xiii. 227, 392, 556, 685; remarks at evening meetings, iii. 275, iv. 211, vii. 157, viii. 730, ix. 478, xii. 344
- Thomson, J. Turnbull, obituary of, vii. 46
- Thomson, Prof. James, on the Grand Currents of Atmospheric Circulation, xiv. 555, 811†
- Thomson, Rev. Q. W., visit to Balombiba-Kotta lake, i. 233
- Thomson, Sir C. W., and J. Murray, Report on the Voyage of H.M.S. *Challenger*†, vi. 485, vii. 263, 557, 833, viii. 477, ix. 324, 720
- Thomson, Sir W. T., (and Mr. Ronald F. Thomson), ascent of Mount Demavend, v. 169; obituary of, vi. 381
- Thomson, W. J., Te Pito Te Henua or Easter Island, xiv. 576†
- Thordén, K. M., De telegrafiska under-vattensledningarna, viii. 411†
- Thorsden cape, Spitzbergen, iv. 754; Swedish scientific station at, iv. 608; Nordenakiöld on the naming of, vi. 542
- Thornton, B., the Comparative Climatology of London, etc.†, xiii. 372, xiv. 867
- Thornton, Ed., Gazetteer of British India, etc., viii. 535†
- Thornton, J., Elementary Physiography, x. 255†; Advanced Physiography, xii. 365†
- Thoroddsen, Th., Oversigt over de Islandske Vulkaners Historie, iv. 701†; explorations in Iceland, vi. 156, viii. 789, x. 306, 792, xi. 785, xii. 752; Eine Lavawüste im Innern Islands, vii. 617†; Das Lava Gebiet von Odðahraun in Island (map), vii. 621; De varme Kilder paa Hveravellir i Island, xii. 568†; Fra Islands indre Højland, xii. 568†; Postglaciale Marine Aflejringer, etc., Island, xiv. 867; Zwei Reisen im Innere von Island, xiv. 867†
- Thorpe, Mrs., Translation of Laveleye's Balkan Peninsula, ix. 315†
- Thouar, A., expedition to discover the remains of the Crevaux Mission, v. 174, 486, 496, 560, 561, 738, 739, vi. 96, 160, 162, 229, 230, 347; award of Paris Geographical Society's medal to, vi. 346; biography of, vi. 347; journeys in South America, vii. 258, viii. 58, 101, 526, ix. 55, 388, x. 597, xi. 136, xii. 671; observations on the Northern Chaco, vii. 401; Exploration dans l'Amérique du Sud, xiii. 240†
- Thoulet, J., voyage along the coasts of Newfoundland, ix. 256; observations on the Gulf Stream, ix. 762; Océanographie (Statique), xiii. 638†; L'Étude des Lacs en Suisse, xiv. 723†
- Thoung-giang river, xiii. 220
- Thu-ban Desse river, Great Slave Lake, v. 738
- Thuber glacier, Caucasus, x. 339 note, xiv. 111; pass, x. 692, xi. 354
- Thuden Gomba, Tibet, vii. 72, 73
- Thuillier, L., maps by, French railroads, v. 627; Palestine and Lebanon, v. 686, vi. 618; Toltec migrations, vii. 136
- Thuillier, Colonel H. R., map of Afghanistan, xiii. 244
- Thuillier, Sir H., maps of districts on N.W. frontier of India, i. 62; survey work in India, vii. 691; remarks at evening meetings, i. 255, 259, 682, ii. 246, 548, iii. 80, 469, iv. 271, ix. 704, x. 465
- Thüringer Wald, Forests of, Economy of, Regel, xiv. 568†; map of, xiv. 508; maps of the (*Pet. Mitt.*), vii. 131, 558
- Thüringer Wanderbuch, Trinius, xi. 509†
- Thurn, E. F. im, on the boundary between British Guiana and Venezuela, ii. 51; Journey in the interior of British Guiana, ii. 465\*; Mount Roraima in Guiana, vi. 667\*; Ascent of the same, vii. 181, 246, 247, 426, 497\*; Journal of the Agricultural and Commercial Society of British Guiana, edited by, viii. 672†; Visit of the Governor to the Pomeroun District, ix. 717†; photographs of British Guiana, xiv. 584; British Guiana; the North-Western District, xiv. 665\*
- Thursday island, Torres Straits, v. 505, 506, 517
- Thwaites, R. G., the Colonies, 1492-1750, xiii. 570†
- Thys, Captain, Au Congo et au Kassai, x. 671†; the Congo railway, xi. 622
- Tian Shan, ii. 492, iv. 614, x. 496, xii. 80, 81, xiii. 216, 219, 220—  
Explorations in—Ignatief and Krasnof, viii. 332, x. 598, 599; Grum-Grijmailo, xii. 668, xiii. 208\*
- Flora and glaciers of, ix. 428, x. 599, 600
- Geology of, iv. 639
- Land in, below the sea-level, xiii. 301



- Tibati, Cameroons, xiii. 564  
 Tiber valley, relief map of the, xii. 441  
 Tibet (*see also* Asia, Central)—  
   Across, Bonvalot, transl. Pitman, xiv. 194†  
   An American in, Rockhill, xiii. 53†  
   Area and height of, x. 41  
   Borderlands of—Eastern, journeys in, Baber, v. 673; Desgodins, iii. 313; Pratt, xiii. 171, 329\*; Northern, exploration of, Carey, ix. 175, 731\*; Prejevalsky, x. 738†; with Indo-China, map of, Hassonstein, iv. 453; with Sikkim, lake region of, Temple on, iii. 321\*  
   Climate, fauna, and flora of, ix. 222, 923  
   Closed to Europeans, vii. 81, 89, 90  
   Commercial value of, vii. 90, 91  
   Expeditions and journeys in—viii. 425–429; A—K, v. 99, vi. 369 (Walker on), vii. 65\*; Bower, xiv. 319; De Rhins, xiii. 561, 725; Grombchevsky, xiii. 36, 174; M—H, x. 89\*; native Indian explorer (on the Sanpo, etc.), ii. 370, 427; Pievtsouf, xi. 170, 563, xiii. 19\*, 161\*, 466, xiv. 801; Potanin (Eastern), ix. 233; Prejevalsky, ii. 566, v. 568, vi. 752†, vii. 81, 167–172, ix. 221 *et seq.*, x. 378, 711, 738†; Rockhill, xi. 439, xii. 380, xiv. 777; Szechenyi, i. 595, 792, ii. 197, vii. 81  
   Flora of, Maximowicz on, xiii. 181  
   From Paris to, Garnier, iv. 574†  
   Geographical results of latest journeys in, Ganzenmüller, i. 77  
   Gold-washing in, Mesny on, vii. 544  
   Lama survey of, ix. 386  
   Large Game Shooting in, Kinlock, xii. 571†  
   Lesser, Journey in, Mrs. Bishop, xiv. 713, 868†  
   Lu river of, Walker on, ix. 352\*  
   Mission of George Bogle to, etc., Markham, i. 344†  
   Plateau of, v. 552, vii. 169, 383  
   Report on exploration in, etc., xi. 568†  
   Routes, from Dzungaria to, Jametel on, ii. 312  
   South-Eastern, D'Anville's map of, x. 579; hydrography of, Walker on, x. 577\*; Needham on, xi. 440  
   To the Snows of, through China, Pratt, xiv. 425†  
   Trade routes from Bengal to, Lewin, i. 680  
   Western, Exploration in, Trigonometrical Survey, i. 444\*  
   Work on, Desgodins, vii. 767  
 Tidal investigations, progress in the study of, iii. 633; observations in India, Baird on, i. 455  
 Tidal rivers, Practical Study on, and Particularly the B.re. Comoy, iii. 249†  
 Tide charts of English and Bristol channels, and entrance of the Thames, Percy, xiii. 511

- Tides, irregularity of, in different localities, de Jonquière on, vii. 387  
 Ti-depay mount, Athabasca, v. 646  
 Tiedeman, A. von, Tana, Baringo, Nil. Mit Karl Peters Zu Emin Pasha, xiv. 873†  
 Tiele, P. A., *Niederlandsche Bibliographie van Land- en Volkenkunde*, vi. 545†  
 Tierra de la Guerra, Central America, ii. 581  
 Tierra del Fuego, East Coast of, Exploration along, Lista, x. 542†; ethnographical maps of, vi. 348, ix. 464; expeditions to, Lista, ix. 384; Szechenyi, 1879, vii. 81; lecture on, Lovisato, v. 298; northern, map of interior of, Rousson and Willems, xiii. 365  
 Tieté river, ix. 109, 110  
 Tietkins, W. H., journey in South Australia, i. 723, ii. 436; expedition to Lake Amadeus in W. Australia, xii. 169  
 Tietze, Dr. E., *Geologische Karte der Umgehung von Lemberg*, iv. 447  
 Tiflis, longitude of, v. 392; Magnetical Observations at, Mielberg†, iii. 189, x. 49; railways to and from, v. 134, 135, 170  
 Tigris, floods of the, x. 393; river service on, between Bussorah and Baghdad, v. 134, 135  
 Tih desert, Eastern Palestine, v. 675  
 Tikal, ruins of, v. 192, 195, viii. 591  
 Tikki-Tikki tribe, poisoned arrows used by, Felkin on, xi. 379  
 Tiktingen mts., Caucasus, xii. 284, xiv. 100, 111  
 Tila-lá pass, Tibet, vii. 75, 316, 324  
 Tillo, General A. von, measurements of rivers of Russia, v. 559; altitudes of Russian stations, v. 174; *Höhenkarte des Europäischen Russland*, vi. 611; on the level of Russian lakes and the Baltic Sea, viii. 270, 272; on the longest rivers of the world, ix. 120; on the great watersheds of the globe, ix. 310; on the climates of the globe, ix. 763; on the mean height of land, etc., in northern and southern hemispheres, xii. 50; hypsometrical work in Russia, xii. 297, 298, 50, 51; on the magnetic conditions in Central Asia, xiv. 836  
 Tim river, Poliakov's explorations of the, iv. 110  
 Timan expedition, Chernyshef on the, xiii. 172  
 Timbuktu, West Africa, v. 739; journeys to, early, iii. 316; Lenz, iii. 317, 371, 372; *id.*, map of, Kiepert, iii. 384; new route to, Angeli, ix. 623; position of, x. 247; Region between Touat and, Note on the Map of, Pouyanne, vi. 356†; voyage of French gunboat *Niger* to, x. 164; Work on, Lenz, vi. 685†  
 Time globe, Juvet & Co., iii. 704  
 Time standards for railways, European, xiv. 465

- Timehri, *New Scientific Journal in British Guiana* †, iv. 696, xl. 633
- Timor, island of, Dr. Ten Kate's explorations in the, xiii. 562
- Timor Laut, Englishmen in, Pasco on, vi. 472; Explorations in, Forbes, v. 657, vi. 113\*; map of, Veth, i. 544; people, flora and fauna of, vi. 119-127
- Timuri tribe, viii. 148
- Timurk-Shorgundal ridge, ii. 225
- Tingaluns and Tingaras tribes, Borneo, v. 94
- Ting Ling, mausoleum of Emperor Hsien-feng, v. 30
- Tingmiamut, Greenland, vii. 386
- Ting-uon, Central Asia, xii. 70
- Tinkisso, explorations of the, Hourst, xiv. 720
- Tinac, John A., obituary of, vi. 381
- Tinnevely, shifting sands of, S. India, vii. 733, 734
- Tioney tribe, Canada, v. 619, 728
- Tio-cajas, S. America, xiv. 127
- Tipuani, ravine of, Bolivia, v. 314, 323
- Tipuani river, Bolivia, v. 337
- Tipuns of Formosa, xi. 288
- Tira valley, Saffd Koh, i. 46, 47
- Tirach Mir mountain, height of, vi. 9
- Tirband-i-Turkistan range, vii. 278, 283, 565
- Tirich Mir peak, Hindu Kush, i. 795, iii. 72, vi. 9
- Tiryns, Prehistoric Palace of Kings of, Schliemann, viii. 402†
- Tisnaf river, Turkistan, x. 504, xiv. 782
- Tissandier, A., *Voyage au Tour du Monde*, xiv. 877†
- Tissot, Ch., *Recherches sur la Géographie Comparée de la Maurétanie Tinglance*, i. 151†; *Le Bassin du Bagrada et la Voie Romaine de Carthage à Hippone*, iii. 504†; *Exploration Scientifique de la Tunisie* †, vii. 555, x. 477
- Tissot, Victor, *Voyage au Pays des Tziganes*, ii. 324†; Hungary from the Adriatic to the Danube, v. 49†; *La Russie et les Russes*, vi. 53†; *Unknown Switzerland*, xi. 509†
- Tissot, Sur la Représentation des Surfaces, et les Projections, des Cartes Géographiques, iii. 689†
- Tista river, Sikkim, iii. 323
- Titiaca, Lake, Bolivia, iv. 672, xiii. 48; altitude of, x. 229; *Estudio Monográfico del La Puente*, xiv. 504†; railways to, xiv. 562
- Titiqno river. See Quendecue.
- Titirapenga mountain, New Zealand, vii. 202, 222
- Tlakanelo's village, Basutoland, x. 523
- Tlinket Indians, the, Krause, vii. 767†
- Toba plateau, Afghanistan, Campbell on, ii. 620, 623
- Tobas Indians, S. America, iv. 566, v. 487, 789, vi. 230
- Tobiesen, Captain, Arctic voyage of, ii. 24
- Tobler, T., and A. Molinier, *Itinera Hierosolymitana et Descriptiones Terræ Sanctæ*, etc., ii. 392†
- Tobo lake, exploration of, Modigliani, xii. 669
- Tocantins river, Brazil, visit to delta of, Wells, viii. 513\*
- Toce river and valley, v. 621, 624
- Tochi valley, Northern India, iv. 692
- Tochira river, E. Africa, vii. 654
- Tocopilla, S. America, waterless condition of, iv. 626
- Todd, Major E. D'Arey, surveys in N. Persia, v. 57
- Toeppen, H., *Die Doppelinsel Nowaja Semlja*, i. 409†; *Hundert Tage in Paraguay*, vii. 694†
- Tofoa island, S. Pacific, xii. 157
- Togai valley, ii. 224
- Togari tribe, New Guinea, xii. 692
- Togoland**—  
European factories in, vii. 278  
Explorations in—x. 799; Büttner, xiv. 499; Henriel and Gräde, x. 309  
German—Protectorate of, vii. 377\*; map of, Hassen-tein, x. 612; Work on, Henriel, x. 476†  
Work on, and the Slave Coast, Zöller, vii. 487†
- Tohila, natives of, New Guinea, xii. 220
- Tokanu, geysers at, vii. 209
- Tokio, Geographical Society of, v. 429; of political economy and statistics, v. 559
- Toksun, Central Asia, iii. 350, xii. 82
- Tolan-Khodja river, Central Asia, xii. 163
- Toll, Baron von, expedition to the Lena delta, viii. 393; to the New Siberian islands, ix. 51, 177, 577, x. 248
- Tollens, H., *The Hollanders in Nova Zembla (1596-97)*, vi. 544†
- Tolok-Betoung, Sumatra, v. 737
- Tolstoi, Leon, *What I Believe*, transl. Popoff, viii. 605†
- Toltec tribe, Central America, v. 44
- Tomaschek, W., *Centralasiatische Studien, Die Pamir-Dialekte*, ii. 781†; *Die vor-slawische Topographie der Bosna*, etc., ii. 780†; *Zur Kunde der Hämus-Halbinsel*, ix. 712†
- Tomczek, M., death of, and work in Africa, vi. 480
- Tomkins, Rev. H. G., geography of the region from the Nile to the Euphrates, as known to the ancient Egyptians, x. 717
- Tomkinson ranges, Australia, xiv. 182
- Tompánandarána, routes from, iv. 533
- Tomus-chaja mts., xiv. 410
- Tonga islands and natives, viii. 559
- Tonga tribes, South-east Africa, v. 285, vii. 382
- Tongariro, hot springs of, vii. 221; mountain, v. 667, vii. 202, 208, 210, 211
- Tonghoo, Burma, railway to, x. 262
- Tong-king**—  
And the new approach to Yunnan, Boulger, iv. 613

**Tong-king—continued—**

- Boundary with Shan States, iv. 723  
 Dykes of, viii. 221, 222  
 Explorations in—French, iv. 608;  
   Fuentes, vii. 255, 256  
 From Paris to, by land, Prince Henry  
   of Orleans, xiii. 691  
 Harbours of, Renand on, ix. 255  
 Hill Slopes of, Scott, viii. 217\*  
 Maps of:—v. 629, xiii. 61; Gouin, v.  
   629, vi. 487; Cressin, v. 750; to illus-  
   trate expedition to, vi. 360  
 Plateaux and forest region of, viii. 218  
 Railways in, De Cuverville on, x. 246  
 Tribes of mountains on frontier of, Les-  
   serneur on, v. 43  
 Works on—Aumoitte, vi. 477†; Mesny,  
   vi. 483†
- Tong-king, Gulf of, Garcean's map of, iv.**  
 450
- Tongoni, Usambira, i. 86**  
**Tongwe peak, Usambara, i. 88**  
**Tonike, ancient trading station of Africa,**  
 xiii. 525, 527, 546  
**Tonle Sap. See Tale.**  
**Tono river, Bolivia, v. 318**  
**Topham, H. W., on Green's explorations**  
 in the Selkirk range, xi. 170; Visit to  
 Mount St. Elias, etc., xi. 424\*; explora-  
 tions in Mount St. Elias region, xii. 382;  
 in the Selkirk mountains, xiii. 113; the  
 Selkirk Range, xiii. 554\*
- Topley, W., Report on the Erosion of the**  
 Sea-coasts of England and Wales, viii.  
 402†; the National Geological Surveys  
 of Europe, viii. 402†
- Topographical work in the Russian empire,**  
 Dalton on, xiv. 237
- Topography, relation of, to geography,**  
 Drapeyron on, xiv. 703; Treatise on,  
 Inelan, i. 814†
- Torgut tribe, Central Asia, ii. 496, ix. 215**  
**Torino, Cuorgne, Torre Pellice, etc., map**  
 of, Fritzsche, vi. 754
- Tor-koor village, Southern Persia, v. 145**  
**Torna, fort of, W. India, iv. 461, 462**  
**Torra mountain, expedition to, White, v.**  
 256, 257; temperature near the, v. 264
- Torres Straits, vi. 197, 198, 203; Admiralty**  
 survey of, iv. 554; pearl shell trade in,  
 v. 506
- Toruma country, E. Africa, iv. 749**  
**Tosa province, Japan, ix. 98**  
**Tosu Nor, Tibet, xiv. 778**  
**Totemism, by J. G. Frazer, ix. 783†**  
**Totonaca tribe, Vera Cruz, ix. 568, 570**  
**Totoral, Lago del, Bolivia, iv. 647**  
**Touaregs. See Tuaregs.**  
**Touat. See Tuat.**  
**Touggourt. See Tugurt.**  
**Toula, Prof. F., Reisen und Geologische**  
 Untersuchungen in Bulgarien, xii. 568†;  
 Der Stand der Geologischen Kenntnis  
 der Balkanlander, xiv. 131†
- Toulouse, Congress of French Geographical**  
 Societies at, 1884, vi. 350, 476
- Toumat. See Tumat.**
- Toumby, village of, West Africa, v. 175**  
**Tourinho, Sebastião Fernando, first ex-**  
 plorer of the Rio Dôce, x. 66  
**Tournefort's idea of the geographical dis-**  
 tribution of living forms, iii. 598  
**Touset, mean pressure at, xiii. 146**  
**Towson, J. T., obituary of, iii. 108**  
**Toynbee, Capt. H., on the meteorological**  
 results of the Challenger expedition, xiii.  
 156; Weather Forecasting for the British  
 Islands, etc., xiii. 567†
- Tozer, Rev. H. F., Turkish Armenia and**  
 Eastern Asia Minor, iii. 115†; the  
 Islands of the Ægean, xii. 244†
- Trade Routes of the World, Götz, xi.**  
 191†
- Trade winds, drying power of, viii. 755;**  
 connection of the, with some West  
 Indian problems, Halliburton, viii. 732
- Trades, Tropics, and Roaring Forties, In**  
 the, Lady Brassey, vii. 129†
- Traeger, Dr. E., Die Halligen der Nordsee,**  
 xiv. 568†
- Trarbal, Himalayas, avalanche near, xiii.**  
 404
- Tragelaphus scriptus, West Africa, v. 705**  
**Trall, W. E., on the depth of frozen soil**  
 at Prince Albert, viii. 744
- Training colleges, etc., geographical edu-**  
 cation in, Oakley and Fitch on, x. 297;  
 R. G. S. prizes to students of, x. 234,  
 468, xi. 453, xii. 236, 476, xiii. 231, 494,  
 xiv. 235, 489
- Trakum, deserted fort at, viii. 331**  
**Tramper, Prof. H., Berg und Flusskarte**  
 der Alpen, viii. 412
- Tramper, R., Eisenbahnkarte der Oester-**  
 reichisch-ungarischen Monarchie, iv. 185
- Trans-Caspian Region (see also Asia, Cen-**  
 tral, and Turkistan)—
- Colonization in, xiv. 858; Annenkoff on,  
   xi. 436
- Deserts of, xi. 279; Konshin on, ix. 625,  
   626
- Expedition to, xii. 301†
- History of, i. 385
- Maps of:—ix. 593; by Caucasian Army  
   Staff, iv. 450
- Population of, xiv. 858
- Surveys in, Russian, v. 392, ix. 436
- The, and its Railways, Heyfelder, x. 106†
- Trans-Caspian Railway—iv. 216, 217,**  
 486, viii. 149, 267, xiii. 25, xiv. 3; Cur-  
 zon on, xi. 273\*; De Bieberstein on, x.  
 388; Wiedemann on, x. 174; passage of  
 deserts, xi. 279
- Transcaucasia, forests and railways of,**  
 Lyall on, i. 796
- Trans-Caucasie et la Péninsule d'Achéron;**  
 Gulbenkian, xiv. 59†
- Trans-continental survey, North (U.S.A.),**  
 Maps of—Yakima region, Colville  
 region, Crazy mountains, Judith basin,  
 v. 630
- Trans-Iliian Ala-tau, Turkestan, iii. 159;**  
 x. 638
- Trans-Saharan railway. See Sahara.**

**Transvaal—**

Almanac and Directory, Jeppet, ii. 140, iii. 190

Area and population of, iii. 3 and *note*, vi. 627

Boundary with Portuguese possessions, the new, Jeppe on, xiv. 633; with Zululand, i. 325

Communication between Newcastle and, map showing, iii. 254

Correspondence on, etc., ix. 136 †

Geology of, Alford on, xiii. 239 †; Schenck on, x. 249

Gold-fields of, Schenck on, x. 249; map of, Prosser, vi. 361; *id.*, Stanford, x. 402; (the Kaap), Jeppe on, x. 438 \*

Maps of—Intelligence Department, iii. 120; Jeppe, xi. 466

Naturalist in, Distant, xiv. 503 †

Olifant Basin, lower, map of, viii. 285

Sekukani's territory in, map of, ii. 77, 144

Survey, trigonometrical, of, vii. 610

Trade of, vi. 627

Transylvania, Facts, Figures, and Fancies from, Gerard, x. 311 †

Trarzas, country of the, Fabert on, xiv. 338

Traub, P., Voyage au Pays de Bogos, etc., xi. 395 †

Traubenberg, Dr., and Freiherr von Raueh, Hauptverkehrswege Persiens, xii. 572 †

Trautwein, Th., Register zu den Publicationen des Oesterreichischen Alpenvereins, x. 48 †

Travailleur, scientific expedition of the, iv. 103, vi. 94, 346, 347, 595, xi. 605

Travancore, hills of, vii. 728; survey of, ix. 577

Travel, Adventure, and Sport, from Blackwood's Magazine †, xii. 185, 365, xiii. 188

**Travellers—**

Collections, exhibition of, in Paris, xi. 604

Equipment for mountain climbing, xiv. 465

Guide for, a Treatise on Scientific Observations, etc., Neumayer, x. 607 †

Hints to Scientific and General, edit. Freshfield and Wharton, xi. 701 †

Manuel for, Kaltbrunner, i. 151 †

Scientific instructions for, i. 453, iii. 237, viii. 393, 423

Travers, Lieut.-Gen. James, obituary of, iv. 381

Traversi, Dr., communication on Lake Zuway, viii. 722; expedition to the same and Upper Hawah, ix. 627; to the Ubaragh region, East Africa, x. 451

Travespines river, Labrador, x. 194

Trascher, Mr., explorations in North Borneo, x. 143; remarks on the same, x. 22, 144

Tregear, E., the Aryan Maori, vii. 831 †; Maori-Polynesian Comparative Dictionary, xiii. 742 †

Trek-Boers colony in Damaland and Angola, iii. 14, 15, 588

Tremlett, C. F., notes on Saigon and Cochinchina, i. 391; on the Indo-Chinese Peninsula, ii. 569

Trendell, A. J. R., Her Majesty's Colonies, etc., viii. 750 †

Tres Cruces, pass of, Bolivia, view from, v. 320

Trevelyan, Sir W. C., obituary notice of, i. 336

Triboulet, M., on the uses of photography, xi. 556

Trigonometrical survey. See India.

Trinen, Dr., on the flora of Ceylon, vii. 243

Trinidad Channel, Maclear's survey of, ii. 419

Trinidad—Currents near, chart of, Harragin, v. 440; Guide to, Collens, ix. 394; Official and Commercial Register of, *id.*, xiv. 728 †; Works on, Clark, viii. 749 †; Verteuil, vi. 302 †

Trinidad, Island of, Atlantic, search for treasure on, Knight, xiii. 242

Trinius, A., Thüringer Wanderbuch, xi. 509

Tripoli, vi. 615, 630—Economic map of Cirenaica and, vi. 110; Geography, etc., of Fezzan, Cirenaica, and, Borsari, ix. 253 †; Journey from, to the Kufra Oasis, Rohlf's, iii. 696 †; Routes from, into the Sudan, Fournel, x. 50 †

Tripolis, Asia Minor, latitude of, x. 162

Tripolitania, Rohlf's expedition in, map of, iii. 64; and Tunis, De Bissau, iv. 246 †

Tristram, Canon, the Flora and Fauna of Western Palestine, vi. 525 †; remarks at evening meetings, viii. 715, ix. 700, xiv. 750

Triton, the, surveying ship for coasts of the United Kingdom, v. 593

Triton river, N.W. Africa, vii. 195

Tritiva, the Volcanic Lake of, Madagascar, Sihree on, xiii. 477 \*

Triton, J. H., on proposed railway connection between India, Siam, and China, viii. 18

Trivier, M., exploration of the Lukuga river, xi. 98; La "Gironde" en Afrique, xiii. 376 †

Trobriand islands, xiv. 790; Macgregor's exploration of the, xiv. 327

Trocadero, Museum of the, exhibition at, Charnay, v. 174, 175

Troitsk, Siberia, iii. 152

Troja; Researches, etc., on the Site of Homer's Troy, Schliemann, vi. 100 †

Trollope, Anthony, South Africa, i. 205 †; obituary of, v. 389

Trötsch, E. von, Dislokationskarte der Kriegsmacht des Deutschen Reiches, i. 154

- Tromholt, S., under the rays of the Aurora Borealis, vii. 481
- Tromp, T. M., Herinneringen uit Zuid-Afrika ten tijde der Annexatie van der Transvaal, i. 406 †
- Tromsø Amt, Norway, ethnographical map of, xiii. 60
- Trondhjem, Norway, v. 554, 555
- Trong, fortified villages of, viii. 227
- Troodos, Mount, Cyprus, xi. 707
- Trotter, Contts, on Powell's visits to N.E. New Guinea, v. 516; on New Guinea, v. 670; summary of our present knowledge of the same, vi. 196\*; on Recent Exploration in the same, xii. 687\*; Memoir of Sir H. Yule, xiii. 242 †
- Trotter, Capt. H., Views as to the sources of the Yarkand river, xiv. 780
- Trotter, Capt. P. D., Our Mission to the Court of Morocco in 1880, iii. 442 †; map of N.W. Morocco, iii. 444
- Trouillet, M. Cl., the Island of Boulan, v. 558
- Troup, J. R., remarks on Mr. Stanley's letter, xi. 382; With Stanley's rear column, xiii. 54 †
- Troy, Plain of, Ilios: Stadt und Land der Trojaner, Schliemann, iii. 61 †. See Troja.
- Troy's map of the Witwatersrandt Gold Fields, xi. 638, xii. 253
- Trübner's Oriental Series, Miscellaneous Papers relating to Indo-China, xi. 393 †
- Truguel River, Lake Rudolf, xi. 679
- Tsad, Lake. See Chnd.
- Tsahan-ossu, Tibet, xiv. 778
- Tsaidam, vii. 70, 168, 169, xiv. 778
- Tsang-shan range, viii. 380
- Tsaparang town, i. 446
- Tsar Liberator peak, Central Asia, vii. 812
- Tsavo district, E. Africa, Stevens on, xii. 231; river, iv. 750
- Tsëng, Marquis, on McCarthy's journey across China, i. 507
- Tsetse fly belt in S. Africa, iii. 14, 19
- Tshambezi river. See Chambezi.
- Tshi-speaking Peoples of the Gold Coast, Ellis, xiv. 62 †
- Tshigunda. See Chigunda.
- Tshikarr glacier, vii. 600
- Tsiando. See Chiamdo.
- Tsien-Tang Kiang, the Bore of the, Moore, xi. 700 †
- Tsin-chow, town, Kansu, iii. 491
- Tsin-ho, tributary of the Song-ool, viii. 220
- Tsing-ling-shan range, xii. 64
- Tsing-tan rapid above Ichang, viii. 383
- Tsiribihira river, Madagascar, Anthonard's journey up, xiii. 560
- Tsitsibar, town of, ix. 551
- Tsivory, village of, Madagascar, xiii. 368
- Tso-kiang river, Southern China, xiii. 254
- Tsun-i-Fu, China, i. 496
- Tsu-shima, Island of, Woolley's visit to, ii. 313
- Tuareg Hoggar tribe, negotiations with France, xii. 428
- Tuaregs of Algeria, iv. 363, xii. 299; of the North, Bissuel, xi. 18\* †
- Tunt, Work on, Schirmer, xiv. 727 †
- Tübingen, map of environs of, ix. 137
- Tucuman province, history and description of, viii. 411
- Tudor, J. R., the Orkneys and Shetland, v. 431 †
- Tugela river, Zululand, i. 324, iii. 7
- Tugeri tribe, New Guinea, xiv. 789
- Tugurt, iv. 366; determination of position of, Duveyrier, viii. 205
- Tuhila island (Maoura), Oceania, v. 426
- Tuichi river, Bolivia, v. 336
- Tuisortok, great glacier, Greenland, vii. 386
- Tuka river, Central Africa, iii. 43
- Tukatu range, i. 57
- Tulazac, Père, ascent of Mount Ambondrombo, Madagascar, xiii. 39
- Tuli river, Mashonaland, xiii. 12
- Tuma, Anton, Greichenland, Makedonien, und Süd-Albanien, x. 175 †
- Tumat, maps of region of the source of, v. 184, 248
- Tumed tribe, Northern Manchuria, x. 497
- Tumén, or Khianli Chiang, river, ix. 537, x. 487, xiv. 148
- Tumlong, palace of the Rajah of Sikkim at, iii. 326
- Tumnan natives, New Guinea, ix. 596, 600, 607
- Tumuc Humac mountains, Guiana, x. 473; exploration of, Crevaux, i. 131; id., Comteau, xi. 439
- Tumusapa, town of, Bolivia, v. 328, 335, 336
- Tunbunwha tribe, Borneo v. 94
- Tundscher tribe, Sudan xi. 574
- Tung river, China, xii. 243, xiii. 334, 335
- Tung-buddra river, viii. 693
- Tungara tribe, North Borneo, x. 9, 10
- Tung-ching-chan, town of, ix. 561
- Tungbi bay, E. Cent. Africa, v. 393, 394
- Tung-Hwan-Hsien (or Sachu, q.v.), vii. 71
- Tung-lo-ling mountains, China, ii. 156  
*note*
- Tung Rosli gorge, Persia, v. 69
- Tunguragua volcano, S. America, xiv. 127
- Tunguska, on the, and Yakutsk, Müller, iv. 576 †
- Tungwa town, Congo, i. 235
- Tunis, Tanisia—**  
 Across, Studies on the Oasis, etc., Baraban, ix. 587 †  
 And its environs, Lallemand †, xii. 437, xiv. 807  
 Archaeological mission in, Letaille, vi. 477, 478  
 Basin of the Bagrada, etc., Tissot, iii. 504 †  
 Beja, Kairwan, etc., French maps of, v. 55  
 Bibliography of, Ashbee, xii. 246 †  
 Cartographical Note on, Corn, viii. 131 †

## Tunis, Tunisia—continued—

- Central—Discovery of the Hydrographical Basin of, Rouire, xi. 514†; map of reconnaissance in, Poincot, v. 686
- Changes in, and condition of, since the French Protectorate, Playfair, vii. 750, x. 719
- Communication in, principal means of, vii. 776
- Explorations in—Guérin, iii. 500; (in Southern), Blanc, xi. 250; *id.*, Valéry-Mayet, ix. 255
- Forests of, Sandwith on, ix. 682
- French, Poiré, xiv. 342†; French expedition to, iii. 566
- Land and People of, Hesse-Wartegg, iv. 514†
- Maps of:—Dubail, iii. 444; Kiepert, iii. 381; Service Géographique de l'Armée, v. 55, vii. 136, xiv. 350, 382; Wyld, iii. 768; (reconnaissance), xiv. 202, 581; (topographical), xiii. 746
- Northern, and Province of Constantine, map of, iii. 768
- Oasis region of, Blanc on, xi. 251
- Scientific Exploration of, Tissot†, vii. 555, x. 477
- Souvenirs of the expedition to, Girard, v. 678†
- Surveys in, vii. 339
- Tour in, Playfair, viii. 522
- Travels in, Ashbee and Graham, x. 107†
- Work on, Lanessan, ix. 649†
- Tunis, city of, maps of environs of, Perrier and Pet. Mitt., v. 438
- Tunis, Gulf of, changes of coast line of, Fischer on, ix. 243
- Tunka, mountains of, Eastern Sayan, Madame Golubtsov's researches in, x. 388
- Tunke (Tioge, or Lower Okavanga) river, viii. 650
- Tun-o-Tabbas, viii. 144
- Tupa Dawan, Turkistan, x. 504, xiv. 782
- Tupende country, W. Africa, Dr. Pogge's visit to, iv. 684; tribe, ix. 756
- Tupinier island, Oceania, volcano of, v. 511
- Tupper, Sir Ch., remarks at evening meetings, x. 564, xi. 169
- Turama river, New Guinea, xiv. 790
- Turbat-i-Haidari, Turkestan, v. 9
- Turco-Greek frontier, map of, ii. 714; *id.*, Ardagh, iv. 447
- Turenne, Le Cte. de, Quatorze mois dans l'Amérique du Nord, i. 286†
- Turfan, city of, iii. 349, 350, ix. 749, x. 499, xiii. 210, 215; Regel's expedition to, 1879-80, Morgan on, iii. 340\*; map of the same, iii. 700
- Turgutes. *See* Torgut.
- Turin, v. 621, 623, 625; map of district of, vi. 754; mappamondo di Torino, reproduced and described by G. Attino, xiv. 811
- Turis tribe, Afghanistan, i. 640
- Turk island, West Indies, xiv. 596

Turkistan, Turkoman Country (*see also* Asia, Central, and Transcasian), iii. 529\*

- Catalogue of works on, etc., Méjow†, i. 687, v. 542, xi. 55
- Chinese, or Eastern—travels in, Bonvalot, xii. 234, 235; Carey, ix. 175, 342, 377, 731\*; Dauvergne, Walker on, xiv. 779\*; Regel, ii. 631
- Colonization in, Russian, xiv. 857
- Deserts of—geological constitution of, iv. 637; Kalitin's journey across, iv. 219
- Expeditions in—Balashino, ii. 767; Lessar, iv. 506, v. 1\*; *id.*, notes on, Rawlinson, v. 12; Ujfalvy (French Scientific), ii. 269†
- Geological and Orographical Description of, Mushketof, viii. 342†
- Inhabitants of, x. 498
- Irrigation schemes in, xiii. 24, 25
- Map of, Walker, i. 748
- Mounds or barrows in, iv. 492
- Notes of travel in, Seimenoff, xii. 49
- Population of, Kostenko on, x. 304
- Russian—Earthquakes in, 1887, x. 638\*; geological map of, Romanovsky and Mushketof, viii. 541; military province of, extent of, iii. 150; *id.*, general staff map of, i. 79; Statistics and Geography of, Clarke, ii. 69†; topographical work in, i. 384
- Russian invasion of, i. 182
- Shifting sands of, iii. 724
- Western, progress of knowledge of, since 1830, iii. 617
- Turkey (*see also* Ottoman Empire), (in Europe), map of, Liebenow, viii. 63; Work on, Boué, xi. 508; Russian surveys in, 1877-79, ii. 768; in Europe and Asia, Hellwald and Beck, i. 282†
- Turkey in Asia, Geographical and Statistical Work on, Cuinet†, xiii. 739, xiv. 569†; liysometrical map of, iv. 766; Life in, Davis, i. 313†; progress of knowledge of, since 1830, iii. 618
- Turkish claims of territories on the Red Sea, vii. 94 *et seq.*
- Turkoman country. *See* Turkistan.
- Turkomans, the, iii. 529\*, vii. 566-576; of Merv, iv. 350; slave trade of the, iii. 535, 536; their horses, iii. 540, 541; raids, viii. 145, 146
- Turks in Asia Minor, vi. 311, 313
- Turlik-su river, Central Asia, xii. 165
- Turnbull and Foster's astronomically mounted terrestrial globe, ii. 592
- Turner, G., Samoa a Hundred Years Ago and long before, vi. 357†
- Turner, T. A., Argentina and the Argentines, xiv. 344†
- Turner, W. J., map of the British Colonies and adjacent territories in South Africa, ii. 718; note on Mr. Selous's map of Matabeleland, x. 296
- Turuk river, i. 197
- Turoiking, or Ipelcmuta village, vii. 505 note, 528



- Turosh river, viii. 33  
 Turshiz district, Persia, iii. 525  
 Turukhansk circuit, excavation of a mammoth in the, xii. 51  
 Tuscan Republics with Genoa, Duffy, xiv. 865 †  
 Tuscany, Ancient, Reyer, vii. 53 †  
 Tushilango. *See* Bashilango.  
 Tuslar pass, Turkistan, xiv. 781  
 Tuticorin, S. India, vii. 732  
 Tutuin glacier, Caucasus, xii. 265 *note*, 270  
 Tuyen-kwan town, viii. 242  
 Tuyuk pass, xiv. 12  
 Tuz-tau mountains, Central Asia, xiii. 220  
 Tuzu river, Upper Burma, xi. 198, 199  
 Tweek-kway, Mount, British Guiana, ascent of, Whiteley, viii. 453  
 Tyasal, town of, viii. 589, 590  
 Tyn river, Sakhalin island, iv. 610, 611  
 Tyndall, Prof. J., on the action of glaciers, x. 780, 783; remarks at the dinner to Mr. Stanley, xii. 499; *New Fragments*, xiv. 345 †  
 Tyndall glacier, Alaska, ix. 274, x. 431, 432  
 Tyndall, Mount, New Zealand, vi. 58  
 Typhonia, cave of, Cilicia Tracheia, xii. 448  
**Tyro.**—  
 Environs of Zirl, Landeck, etc., map of, Maschek, i. 612  
 Formation of the Tirole-Venetian highlands, Mojsisovics von Mojsvar, i. 283  
 Geology, etc., of South-Western, Lepsius, i. 283 †  
 Journeys through, i. 284 †  
 Maps of:—xii. 367; Handike, xii. 506; Meurer, ix. 526; South, etc., relief map of, xii. 643  
 Tyrrell, J. B., Narrative of the Journeys of David Thompson in N.W. America, xi. 121 †  
 Tytler, Capt. W. F., survey of Helmund, i. 196, 197

## U

- U—G., native explorer, work of, in Tibet, xi. 568, 569  
 Uapa, or Shark, river, Fernando Po, ix. 624  
 Uapís river, S. America, xiv. 486  
 Ubangi. *See* Mobangi.  
 Uberiqui river, Peru, xiv. 387  
 Ubinas, Mount, altitude of, Peru, xii. 229  
 Ucayali river, Peru, xii. 228; Journey to the Head Waters of the Ross, xiv. 382\*  
 Uchan, Northern Persia, v. 58  
 Uchungwe mountains, E. Africa, ii. 118  
 Ued Rir, Algerian Sahara, iv. 365; artesian borings in the oasis of, Rollond on, xi. 312  
 Uédle, Chukche peninsula, iv. 623  
 Uemba country, E. Africa, vii. 333  
 Ugalde, Manuel, v. 318  
 Ugalla river, E. Africa, iv. 105

## Uganda—

- And the Victoria Lake, Wilson on, ii. 354  
 Ashe on, xi. 626  
 Characteristics of, xiv. 824  
 Climate and products of, ii. 354  
 English missionaries in, iv. 94  
 Envoys from, introduction to the Queen, ii. 366; return of, iii. 562  
 Journeys to—Jackson and Gedge, xiii. 193\*; Lugard, xiv. 817\*; Pearson, iv. 62  
 King Mtesa of, rumoured death of, v. 479  
 Population of, v. 481  
 The Egyptian Soudan and, Wilson and Felkin, iv. 183 †  
 The Story of the Uganda Mission, xi. 188 †  
 Two Kings of, Ashe, xi. 460 †  
 Ugen river, Central Asia, ix. 736  
 Ugogo, Northern, notes of a journey through, Southon, iii. 547  
 Ugombo, lake, E. Africa, iv. 284  
 Ugro-Russian Songs, Collection of, Vol. I, viii. 60 †  
 Ugueno country, Central Africa, xii. 176, 230  
 Uguha, Central Africa, Hutley on, iii. 221  
 Ugun-Agatch, Russian Turkistan, x. 640  
 Uguru hills, E. Africa, ii. 265  
 Uhehe country and people, ii. 120, 121, vii. 332  
 Uhenge. *See* M'henge.  
 Uhha, people of, Central Africa, v. 165  
 Uighurs or Hoi-Hoi, kingdom of the, Central Asia, xiii. 210, 223  
 Ujfalvy, O. E. de, Le Kohistan, le Ferganah, etc., i. 77 †; on the region of the Upper Oxus, i. 144; map of the same, i. 544; *Leçon d'ouverture d'un Cours de Géographie de l'Asie Centrale*, etc., i. 148 †; *Le Syr-Daria, le Zéraf-châne*, etc., i. 405 †; *Résultats Anthropologiques d'un Voyage en Asie Centrale*, i. 811 †; *Expédition scientifique française en Russie*, etc., ii. 269, 324, 521 †; expedition to Southern Russia and Central Asia, ii. 253, iii. 184; Kashmir and Little Tibet, iv. 238  
 Ujfalvy-Bourdon, Marie de, De Paris à Samarkand, iii. 61 †  
 Ujiji, district and town, iv. 22, v. 691; caravan road to, iv. 2; position of, i. 207; rainfall and temperature at, xi. 588, 589  
 Ukambani, E. Africa, iv. 751, 752  
 Ukami district, soil and climate of, xi. 307  
 Ukangu mountains, E. Africa, iv. 278  
 Ukara, E. Africa, iv. 745  
 Ukere river, W. Africa, vii. 456  
 Ukeredi river, E. Africa, ii. 338  
 Ukerowe, island of, visit to, Dermott, xiv. 120  
 Ukhei-Nor lake, position of, xii. 424

Uku peak, Sunnetia, x. 348  
 Ukumbini river, Usambara, i. 83  
 Ulanga river, E. Africa, ix. 48. *See* Uranga.  
 Ulava island, Solomon islands, xii. 412  
 Uluungur lake, Central Asia, ix. 215  
 Ulu-azuz pass, glacier and peak, Caucasus, xi. 671, xii. 266, 284, xiv. 112  
 Ulrich, V., the Horizontal Configuration and Composition of Europe and North America, v. 373 †  
 Ulu-chiran or Bezingi glacier, xiv. 112, 113  
 Ulunga district, Central Africa, ii. 692  
 Ulou river, E. Africa, ix. 474  
 Ulysses, or Scenes and Studies in many Lands, Palgrave, ix. 784 †  
 Umanak Fjord, observatory at, xiv. 414  
 Umba, E. Africa, i. 556  
 Umbek-dunder range, Russian Lapland, ii. 596  
 Umbelosi valley, ix. 499  
 Umbria tribe, Australia, xi. 670  
 Umbugwe, Central Africa, xiv. 634  
 Umehetu river, S. Africa, xiv. 633  
 Um Digal quarries, ix. 680  
 Umfuli river, Mashonaland, iii. 357  
 Umkumbura river and tributaries, deposits of gold in bed of, viii. 73  
 Umlauf, Prof. Dr. F., Die Alpen, ix. 712 †; *id.*, transl. Brough, xi. 116 †  
 Um Bevölkerung-Dichte der Erde, xiv. 877 †  
 Umnyati river, S. Central Africa, iii. 356, 357  
 Umon district and natives, West Africa, iv. 94, 95, x. 756  
 Umpinge river, S. Central Africa, v. 268  
 Umquasi river, S. Central Africa, v. 268  
 Umsengaisi river, S. Central Africa, v. 268  
 Umvukwe mountains, S. Central Africa, v. 268, 270  
 Umzengeze river, viii. 71, 73  
 Umzila's country, expeditions to—American missionaries, iv. 93; Jesuit missionaries, iii. 177, 306, 422, iv. 228; Phipson-Wybrants, ii. 627; Portuguese, v. 33, 405  
 Umzimonya's kraal, xiii. 588  
 Unah pass, i. 245  
 Unaka lagoon, Lake Nyasa, i. 312  
 Underhill, West Africa, v. 569  
 Undumo river, Bolivia, v. 328  
 Ungo, fan used in iron working, E. Cent. Africa, v. 587, 752  
 Unguz or Charjui dry channel of the Oxus, vii. 235-237, viii. 58  
 Ungwesi river, Central Africa, xi. 217, 220  
 Un-hyön-kung, palace of Söul, v. 283  
 Unimak islan, Alaska, ix. 278  
 Union Pacific Railway, the, ii. 576, 677  
 United Kingdom, Admiralty surveys in the, ii. 418, iv. 551, v. 593, xiv. 376; Industrial Rivers of the, xi. 51 †  
 Ordnance survey of the, White, ix. 205 †; Year Book of the Imperial Institute, xiv. 810 †

## United States—

Agricultural and industrial map of, ix. 65; agricultural maps, Northern transcontinental survey, vi. 175  
 Altitudes in, Gannett on, vii. 534  
 Arid lands of, Powell on, x. 793; project for irrigating, x. 455  
 Army, report of the Chief of Engineers, iii. 191, viii. 475, xi. 255, xiv. 427 †; of the Chief Signal Officer, viii. 410, ix. 521, x. 478 †  
 Atlases of, Appleton's, x. 260; Scribner's statistical, viii. 351  
 Black hills of Dakota, atlas of, topographical and geological, iv. 256  
 Census, of 1880, vii. 695, ix. 58, 133, 588, xi. 59, 462; of 1890, result of, xiii. 112 †  
 Coast and Geodetic Survey of, Publications of, viii. 476, x. 742, xii. 365, xiii. 240 †  
 Commercial map of, Rand and Co., xii. 55; relations of, with Foreign Countries, 1885-86, xi. 121 †  
 Consular Reports on Emigration and Immigration, ix. 523 †  
 Dictionary to, Bradshaw's A. B. C., ix. 322 †  
 Diplomatic and consular offices of, map showing location of, xi. 64  
 Economy and statistics of, Ratzel, ii. 325 †  
 Englishman's Guide-Book to, vii. 834 †  
 Ethnology, Bureau of, report, 1882-83, ix. 521 †  
 Exhibits at Venice congress, iii. 753  
 Expeditions—to Alaska, vii. 246; Arctic, various, ii. 483; *Jeannette*, i. 519; in search of the same, iii. 738, 734, iv. 28; to Lady Franklin bay, iii. 586, 735, iv. 171, 690; *id.*, report on, Greeley, xi. 317 †; to Point Barrow, iii. 735, iv. 232, 608  
 Exploring expedition, 1838-42, Narrative of, Wilkes, viii. 283 †; *id.*, Ethnography and Philology, Hale, viii. 283 †  
 Forests, destruction of, in, xii. 431; maps of, vi. 175  
 Genesis of the, Brown, xiii. 304 †  
 Geographical education in, xiv. 399, 400  
 Geographical Survey, Geological History of Lake Lahontan, Russell, ix. 321 †; Pierce on, ix. 704; report on, Hayden, i. 132; *id.* (West of the Hundredth Meridian), xiii. 568 †  
 Geological Survey, Annual Reports of †, i. 285, ii. 460, viii. 537, ix. 781, xii. 707, xiii. 307, xiv. 342; Bulletins of †, viii. 277, 406, 601, ix. 58, 321, 460, xi. 255, xiii. 304, xiv. 262 †; Contributions to North American Ethnology, x. 320 †; geology and mining industry of Leadville, xi. 59; maps of, i. 544; mineral resources of the, viii. 406, xi. 316, xiii. 304; Monographs

## United States—continued—

of †, vii. 618, 695, 770, ix. 521; new survey and topographical map, viii. 334; Pierce on, ix. 704; progress of, x. 712; report on, Hayden, i. 132; topographical maps of, notes on, Gilbert, x. 734

Geological Survey of Lake Bonneville, Gilbert, xiii. 305 †

German emigrants in, map showing distribution of, vi. 614

Grand Cañon district, atlas on tertiary history of, Hutton, vi. 243

Handbook of, King, xiv. 572

Hydrographic Charts, i. 751, ii. 400, 720, iii. 125, 256, 446, 512, 703, iv. 191, 256, v. 55, 119, 184, 312, 440, 687, 752, vi. 242, 304, 363, 428, 550, vii. 64, 270, 416, 494, 560, 702, viii. 288, 350, 415, 544, 679, ix. 66, 140, 330, 466, 529, 594, 728, 788, x. 60, 187, 260, 325, 483, 548, 676, 748, xi. 64, 127, 194, 467, 523, 640, 704, xii. 56, 125, 192, 253, 371, 443, 576, 647, 711, 755, xiii. 135, 191, 312, 447, 575, 698, 746, xiv. 67, 140, 351, 510, 583, 735, 816, 838

Hydrographic Office, the Great Storm of March, 1888, xi. 188 †

Indians in, decrease of, vii. 552; their rock-inscriptions, Hoffmann on, viii. 398

Maps of:—xiv. 202; K. Johnston, vi. 550; land office, viii. 542; Luddecke, x. 403; Philip, vii. 413; Rand, McNally and Co. (indexed pocket), ix. 657, 724, xiv. 138, 270, 350, 430, 510, 581, 733; *id.* (railroad and county), iii. 120; Ziegler, iv. 455

Meteorological charts, by signal officer of war dept., xiv. 511

Mining Industries of, Report on, Pumphelly, ix. 522 †

Morasses of, Shaler, xiv. 342 †

Mortality, etc. of, Report on, from census of 1880, Billings, viii. 210 †

Mother maps of, Gannett on, xiv. 459

National museum of, Bulletins of, xiv. 572 †. See Dewey, Goode.

Natural Resources of, Patton, x. 253 †

Physical Geography of, Ratzel, i. 78 †; facts and figures illustrating the, Whitney, xi. 317 †

Population of, centre of, xiii. 230; distribution of, Gannett, xiii. 568, 612; elements of, xiv. 560

Public Domain of, its History, etc., Donaldson, vi. 608 †

Public surveys, etc., map of, Williamson, i. 157

Railway maps of, official, ix. 593; Ravenstein, ii. 719; Williamson, i. 157

Rainfall of, Powell on, x. 739; *id.*, West of Mississippi, Greely, x. 308

Rock inscriptions in, Hoffmann on, viii. 398

Smithsonian Institution, Reports of the †, ix. 389, xiv. 574

## United States—continued—

South-Western, topographical survey of, Wheeler and Hayden, iii. 414

Surveys of, i. 363; near Behring Straits, Dall on, iii. 47

Tables of Geographic Positions, etc., Macomb, viii. 602 †

The West from the Census of 1880, Porter, Gannett, and Jones, iv. 325 †

Weather Bureau, Report of the Chief of the, xiv. 574 †

West coast of, photograph of model showing orography of, etc., Davidson, x. 186

Western, map of, Mason and Payne, ix. 788; geological and topographical atlas of, King, i. 159

Yellowstone national park in, survey of, i. 212 †

Universal Atlas. See Atlas.

Universal Geography, Reclus, edit. Ravenstein and Keane, Vols I.-XII., x. 219 †

Universities, the teaching of geography at the, Mackinder, ix. 698

Un-jin, miriaks at, viii. 310, 311

Unknown river, Athabasca, v. 645, 648

Unkofsky, Captain, the embassy of, to Dzungaria, x. 183 †

Unyamwenda, chief and town, viii. 70, xii. 351

Unyamwezi, origin of the name, xiii. 547

Unyamwezi, proposed telegraph line to, i. 266

Unyika, Central Africa, ii. 210, 730; table-land of, xii. 734

Unyoro, surface configuration of, Lugard on, xiv. 238; river swamps of, xiv. 821, 825

Uong-van village, viii. 226

Upemba lake, Central Africa, vii. 606 and note

Upernivik, vii. 180

Upua-wa-ndani, E. Africa, iv. 733

Ural mountains, barometrical observations in, Tchernichev, ix. 54; expedition to, Malakhof, iv. 108; Reconnaissance of eastern slope of, ix. 432

Urauga or Ranga stream, E. Africa, i. 453, iii. 652. See Ulanga.

Urara island, New Britain, iii. 92

Urbargh region, E. Africa, Traversi's exploration in, x. 451

Ureoni, G., Chronique de Moldavie depuis le milieu du xiv<sup>e</sup> siècle, jusqu'à l'an 1594, viii. 605 †

Urga, post road from, to Peking, iv. 639

Urgenj, Tartar siege of, i. 165 note

Urmiab. See Urumiyah.

## Uruguay—

Annual Statistics of, xi. 753 †

At the Paris exhibition, 1889, xi. 753 †

Central Journey to, Christison, ii. 663 \*

Eastern Republic of, maps of, vii. 413, viii. 64; *id.*, Berra, v. 688; *id.*, commercial, Bianconi, x. 747; work on, vii. 619

French commerce in, vii. 336

**Uruguay**—*continued*—

- Report on, Paigrave, vii. 821  
 Upper valley of, as a field for colonization, Max Beschoren on, ii. 702  
 Urumiya, lake of, Kurdistan, x. 173, xiv. 260  
 Urumsî, Central Asia, iii. 351, ix. 749, xii. 79, 81, xiii. 211, 213, 214  
 Urundu, Tanganyika, iv. 27  
 Usagara, E. Africa, iv. 283, vii. 332; Boyet's notes on, iii. 562; soil and climate of, xi. 307  
**Usambara**—  
 And its surroundings, Baumann, xiii. 692 †  
 Description of, Meyer, xi. 95, 96  
 Farler on, i. 81 \*  
 Fauna and flora of, i. 562  
 Geology of, notes on, Thomson, i. 558  
 Journeys in—Baumann, xii. 421, 615, 667; Keith Johnston, i. 545; Meyer, xi. 39; Stokes, vi. 464  
 Route to the Masai country, *viâ*, iv. 740  
 Sketch map of, Baumann, xi. 195  
 Soil and climate of, Schmidt on, xi. 306  
 Soil, flora, and people of, i. 91  
 Usangi range, Central Africa, xii. 230  
 Usaungula station, E. Africa, ix. 494, xi. 307  
 Usbeg race, viii. 268  
 Usborne Port, and ranges, N.W. Australia, v. 723  
 Useghara. *See* Usagara.  
 Usegha, E. Africa, vii. 453; Pfeil's journey through, x. 94; Southern, soil and climate of, xi. 307  
 Useri river, E. Africa, xii. 231, 232  
 Ush Turfan, Turkistan, x. 500  
 Ushak, latitude of, x. 162  
 Ushba mount, Caucasus, ix. 767, x. 337, 340, 689, xii. 284, xiv. 101, 111  
 Ushba-Dongusoran group, xiv. 101  
 Usher, A., map of British Honduras, x. 812, xi. 126, xiii. 63; photographs of the same, and Guatemala, xiii. 64  
 Ushkul, Caucasus, x. 335  
 Ushnughzai, ii. 218  
 Ushtaranî tribe, i. 55  
 Uslar, Baron P. K., Ethnography of the Caucasus †, x. 176, 736, xi. 392, xiii. 735  
 Usmao district, Central Africa, ii. 618  
 Usoga country, xiv. 823  
 Usli or Ossuli, Somaliland, xiii. 680  
 Usuri country, Northern, Nadarof's survey of, x. 181, 182; river, ii. 645  
*Ustunawend*, ancient name for city of Firnzkuh, v. 172  
 Usu-Tag range, Central Asia, xii. 163  
 Usukuma district, Central Africa, ii. 619  
 Usumacinta river, Guatemala, v. 197; ruins on, v. 197, 198, 200-202, 385  
 Usun river, Caucasus mountains, xiii. 319  
 Usaungula station, soil and climate at, ix. 494, xi. 307  
 Utah, deserts of, xiv. 180; photographs of, xiv. 482

- Utješnović, O., Die Naturschätze im Nördlichen Croatia, i. 740 †  
 Utopi river, South Africa, x. 292  
 Utrecht. Van Druten's map of, iv. 327  
*Utricularia Humboldtii*, vii. 516, 530  
 Uvillier, G., Rocamadour, xiv. 723 †  
 Uwangu country, E. Africa, xii. 226  
 Uyu river, Upper Burma, xi. 208  
 Uyui town and district, Central Africa, ii. 619  
 Uyuni, Peru, railway to, Mrs. Grove on, xiv. 708  
 Uzaramo, country, E. Africa, vii. 332; new stations in, ix. 494  
 Uzboi Channel of the Oxus, i. 165, vi. 286, vii. 234, xiv. 236; diversion of the Oxus into, i. 281; exploration of, i. 342  
 Uzgur river, viii. 34  
 Uzielli, G., Leonardo da Vinci et le Alpi, etc., xiv. 345 †  
 Uzu-tagh mountains, Central Asia, xiii. 103, 102  
 Uzun-Ada, Trans-Caspian railway terminus, xi. 281

## V

- Vaal river, S. Africa, vi. 20  
 Vaalpen tribe, viii. 441  
 Vaca, Alvar Nuñez Cabeça de, journey across N. America, xii. 292, 293  
 Vaca, Dr., on the Bani, v. 325, 331  
 Vacas river, Bolivia, v. 341  
 Vaccarone, L., *Statistica della Prima Ascensione nelle Alpi Occidentali*, xii. 569 †  
 Vachibokwa. *See* Kioko.  
 Vaffier, M., photographs of Tunis, viii. 532  
 Vaigal tribe, Kafiristan, vi. 10  
 Vakhia river, viii. 43, 44, 45  
 Vakinankaratra, volcanic region of, Madagascar, xiii. 477, 478  
 Vakhsh river. *See* Waksh.  
 Valdau, G., journey in the Cameroons district, viii. 454, x. 380; *Reise in das Gebiet nördlich vom Kamerungebirge*, viii. 405 †; discovery of a crater lake on mount Cameroons, xiii. 557  
 Valencia, Venezuela, lake of, Hesse-War-tegg on, x. 795; map of railway from, to Puerto-Cabello, *id.*, x. 812  
 Valéry-Mayet, M., explorations in South Tunis, ix. 255  
 Valle Dupar, S. America, iii. 709  
 Valle, P. della, travels of, in India, xiv. 870 †  
 Vallée, Léon, List of Books, etc., bearing on New Caledonia, v. 746 †  
 Vallentin, Florian, the Cottian and Graian Alps, v. 182 †  
 Valleys, the formation of, Löwl on, vi. 302 †; Penck on, x. 608 †; influence of wind and rain on, Rucktäschel on, xi. 609, 610

- Vallière, Capt. J., *Haut Sénégal et Haut Niger* (map), iv. 520; summary of recent explorations in French Soudan, x. 378
- Vallino, D., and V. Sella, *Monte Rosa e Gressoney*, xii. 767 †
- Vallot, M., on rarified air on mountains, xi. 99; on the glacial catastrophe at Tête Rousse, xiv. 553
- Val-Vallak pass, viii. 41
- Valverde y Alvarez, *Atlas Geográfico Descriptivo de la Península Ibérica*, ii. 336
- Vambéry, A., *His Life and Adventures*, written by himself, vi. 101 †; the *Geographical Nomenclature of Country between Merv and Herat*, vii. 591 \*
- Vambéry, H., *Die Sarten und ihre Sprache*, xii. 637 †
- Vangnindrano, Madagascar, xiii. 160
- Van Bu, xiii. 717
- Van Bylandt, Count, remarks on the Dutch expedition to Central Sumatra, i. 775
- Van Campen, S. R., the Dutch in the Arctic Seas, vii. 491 †
- Van der Aa, P. J. B. C. Robidé, *Reizen naar Nederlandsch Nieuw-Guinea*, i. 813 †; account of the same, vii. 172
- Van der Chijs, J. A., *De Vestiging van het Nederlandsche Gezag over de Banda-Eilanden*, ix. 260 †; *Nederlandsch-Indisch Plakaatboek* †, ix. 260, x. 252, xiv. 809; Dutch Enterprise in the Malay Archipelago in 1663, xiv. 809 †
- Van der Hellen. See Veth, D.
- Van der Stok, Dr. J. P., *Regenwaarnemingen in Nederlandsch-Indie*, ix. 459 †
- Van Gele, Capt., explorations on the Mubangi river, ix. 440, x. 300, xi. 325 *et seq.*, xiii. 37, 175, 394, 610; discovery of its connection with the Welle-Makua, x. 234
- Van Horn desert, xiv. 180
- Van Nivel, Lieut., expedition to the Gran Chaco, xi. 135
- Van Zyl, Mr., first settlement of, in Damaraland, iii. 14
- Vanapa river, New Guinea, xii. 193 *et seq.*, 688
- Vancouver island, coal mines of, xiii. 67; the Indian races of (map), ix. 464
- Vancouver, town of, xi. 456
- Vanilla orchid, growth of, in Columbia, v. 240
- Vanj river, iv. 414, viii. 45, 46
- Vanjany, H., map of the environs of Cairo, v. 117
- Vannusim, M. M., journey in Central Asia and discovery of new route from the Caspian to the Aral Sea, i. 332, 357
- Varaldo, O., *L'Origine di Cristoforo Colombo*, ix. 721 †
- Varak, Ch., *Voyage en Corée*, xiv. 725 †
- Vardø, Norway, i. 669, ii. 279
- Vardy, R. A. R., remarks on the place of geography in education, viii. 714
- Varigny, M. C. de, on the progress of civilization in Oceania, i. 220
- Varna, the, exploring vessel, v. 166, 176, 177, 348, 378, 379, 556, 603, 783
- Varnhagen, Baron, on Vespucci's alleged first voyage, xiv. 610
- Vasco da Gama's zweite Reise, *Tagebuch über, Stier*, ii. 783 †
- Vassour, G., and L. Carez, *Carte géologique générale de la France*, viii. 213
- Vatakri, plain, Central Asia, i. 354, ii. 318
- Vaté, or Sandwich, island, vii. 252
- Vatupusau peak, Guadalcanar island, x. 365
- Vaughan, Capt., voyage to Hudson's bay, x. 533
- Vaughan, Lieut., explorations in Persia, xii. 380, 577
- Vaux, Ludovic de, Palestine, v. 507 †
- Vayssière, Le Tindoul de la, Martel and Gaupillat, xiv. 722 †
- Vaz, Capt. da Fonseca, receives medal for Major Serpa Pinto, iii. 432
- Vedda tribe of Ceylon, ix. 392; Deschamps on, xiii. 51; Sarsin on, xiii. 232
- Velova, G. D., *Pellegrino Matteucci ed il suo Diario inedito*, viii. 211 †
- Vega, the, exploring vessel, i. 21, v. 363; the Voyage of the, round Asia and Europe, *Nordenskiöld* †, iv. 446, vi. 172, x. 52; *id.*, transl. Leslie †, iv. 64, 122; winter station of, meteorological observations at, ii. 59 *et seq.*
- Vega gold medal of the Swedish Geographical Society, iv. 386, vii. 553
- Vegetable Kingdom, the, Lindley, viii. 132 †
- Veiburi tribe, New Guinea, xii. 693
- Velde, M. Van de, remarks on H. H. Johnston's paper, v. 710
- Velho, Major R. Palma, governor of Quirimba islands, v. 403
- Vendée, cantonal atlas of, vi. 244
- Venetian occupation of the south coast of Anatolia, vi. 307
- Venezuela—**
- Boundary between Brazil and, surveys of, ix. 193; between British Guiana and, in Thurn on, ii. 51; between Columbia and, map of, Viso, vii. 494
- Commercial map of, Bianconi, x. 747; notes on, xi. 635 †
- Cordilleras of, route map of, Sievers, x. 186
- Forest region of, xii. 429
- Gold mining in, prospects of, etc., Wears, x. 398 †
- Journeys in, Sievers, vii. 612; Report on the same, viii. 537 †
- Map of, physical and political, vii. 136
- Photographs of, Isaacson, xiii. 644
- Railway from Valencia to Puerto-Cabello, etc., map of, Hesse-Wartegg, x. 812
- Travels in, Sachs, i. 78 †
- Souvenirs of, De Tallemay, vi. 172 †
- Work on, Sievers, xi. 635 †

- Venice, Cartography of, Account of, iii. 762 †; International Geographical Congress at, iii. 567, 745; Report on the same, Baird, iii. 749; *id.*, Wheeler, viii. 803 †. See Surveys.
- Vonukoff, M., *Liste des Voyageurs Russes en Asie*, 1854-80, iii. 61 †; on trade with Korea, iv. 564; on Lessar's journey in the Turkoman country, v. 19; on Prejevalsky, v. 43, 175; map of the southern part of the Littoral province of Siberia, v. 686; on Russian exploration and geographical work, vi. 97, 477, vii. 49, 253, viii. 27, 272, x. 170, 172; on the general map of Russia, vi. 233; on physical geography in Russia, vi. 474; on the map of Sughalien, vii. 191; on the progress of the great Siberian railway, viii. 58; on sulphur deposits in the Trans-Caspian deserts, viii. 58; on the dissection of Central Asian lakes, viii. 615; on the altitude of Lake Bolor, ix. 55; on the basaltic rocks of Mongolia, xi. 180; abstract of geographical work, from memoirs of Russian General Staff, xi. 311; explorations in the Mugodjara mountains, xii. 39, 296.
- Vera Cruz, State of, Mexico, the Aboriginal Races of, Baker, ix. 568 †; trade of, *id.*, x. 384.
- Veramin, ruins of, Persia, xiii. 648.
- Verbeek, R. D. M., Krakatau, vii. 554, viii. 604.
- Verdía, L. P., *Compendio de la Historia de México*, etc., xiv. 574 †.
- Vereecke, Lient. A., *La Belgique en relief* (map), iii. 128.
- Verestchagin, Vassili, *Esquisses de Voyage dans les Indes*, iv. 773 †; *Reiseskizzen aus Indien*, viii. 344 †; *Autobiographical Sketches*, transl. Peters, x. 55 †.
- Vergara, R. G., General Description of the Departments of Lima and Callao, i. 813 †.
- Verrata mountain, New Guinea, v. 355.
- Verins, Father, Excursion in New Guinea, viii. 272.
- Verkhojansk mountains, Cherski's explorations of, xiv. 409.
- Vermejo, Rio, old map of the, iv. 239.
- Vermilion, fort (Peace river), v. 652, 653.
- Vernagt glacier—Floods caused by the Vernagt and Gurgler Glaciers, Richter, xiv. 866 †.
- Vernan, Dr. R., explorations in the Canary Islands, x. 247; *Cinq Années de Séjour aux Iles Canaries*, xiii. 739 †.
- Verner, Capt. W., Map Reading for Military Purposes, xiii. 243 †; Notes on Military Topography, xiii. 377 †.
- Verney, Sir Harry, remarks at evening meetings, v. 346, viii. 370, x. 470.
- Verny, Turkistan, iii. 159; Earthquakes in the District of, x. 638 †.
- Versteeg, W. F., on the Dutch boundary line in N.E. Borneo, x. 455, 798.
- Verteul, L. A. A. de, Trinidad, vi. 302 †.
- Verme, Captain B. de, explorations in Somaliland, xiii. 721, xiv. 372.
- Vespucci, Amerigo, *Il Quarto Viaggio di*, Hughes, vii. 749 †; and his alleged first voyage, note on, xiv. 606.
- Vesuvius, Mount, Lohley, xi. 748 †.
- Veth, D. journey (with Van der Hellen), in W. Africa, vii. 401; death of, vii. 671.
- Veth, Prof. P. J., map of the Tenimber islands, i. 544; Dutch expedition to Central Sumatra, i. 682, 759 †; explorations in Sumatra, vii. 253; *Ontlekkers en Onderzoekers*, ix. 785 †.
- Viang Ké village, Shan States, xiii. 706.
- Vichumbi, Lake Albert Edward, xiv. 541.
- Victoria—**
- Aborigines of, Smyth, i. 742 †.
- Catalogue of Exhibits in Colonial and Indian Exhibition, viii. 53J †.
- Census of, xiii. 488.
- Geologic survey of, xi. 579.
- Geology and Physical Geography of, Murray, ix. 650 †.
- Government of—grant for exploration, viii. 795; expedition to New Guinea, ix. 305.
- Illustrated Handbook of, viii. 539 †.
- Maps of—xi. 579; (school), vii. 704; Skene, iii. 701; Stanford, ix. 65.
- Natural History of, x. 110 †.
- Royal Society of, on Antarctic exploration, viii. 719.
- Statistical Register of the Colony †, x. 479, xi. 60.
- The Victorian Year-book, Hayter †, x. 543, xi. 190.
- Victoria Augusta Fall, Tana river, xii. 700.
- Victoria, British Columbia, xi. 456.
- Victoria Falls, the, Holub, i. 741 †; Deele's journey to, xiv. 325.
- Victoria Falls of the Curitiba, vi. 581, 743.
- Victoria, Lake, Pamirs, iv. 617.
- Victoria mount, Owen Stanley range, x. 606, xii. 206, 210, 213, 559, 688, xiv. 788; Macgregor's ascent of, xi. 504.
- Victoria Nyanza—**
- Altitude of, Mackay on, vi. 283; Ravenstein on, xi. 435.
- Boat Voyage on, Mackay, vi. 273 †.
- Discovery of, iii. 648, 688.
- Expeditions to—Algerian Missionary Society, ii. 691; Baumann, xiv. 634, 804, 858; C. M. S. (*see below*, mission); Felkin, ii. 357; Hannington, vii. 539; Thomson, vi. 401, 461, 601, 690 †, 707. See Thomson.
- Gedge on, xiv. 322.
- Mission to (C. M. S.), i. 590, 665, ii. 44, iii. 178, 562.
- Region between Lake Albert Edward and, explorations in, Lugard, xiv. 413.
- Rise and fall of, Wilson on, i. 136.
- Route to, from Pangani, iv. 731.
- South-west shore of, Schynse's survey of, xiii. 637, (map), 696.
- Uganda and the, Wilson, ii. 353 †.
- Water supply of, xiv. 825.



- Victoria peak, Cockscomb range, xi. 550  
*Victoria regia* lily, ii. 477, 487  
 Victorica, Dr., explorations in the Gran Chaco, xi. 188  
 Vicuña Mackenna, B., Juan Fernandez, History, etc., of, vi. 54 †  
 Vidal Gormaz, F., *Jeografía náutica i Derrotero de las Costas del Perú*, i. 812 †; *Anuario Hidrográfico de la Marina de Chile*, ii. 72 †; *Geografía Náutica de Bolivia*, ii. 72 †; *Noticias del Desierto i sus Recursos*, ii. 71 †; *Noticias sobre las Provincias Litorales correspondientes a los Departamentos de Arequipa, etc.*, iii. 116 †  
 Vidal-Lablache, M., *Des Divisions Fondamentales du Sol Français*, xi. 187 †; historical and geographical atlas, xiii. 136, 192, xiv. 884  
 Viedma, Don Fr. de, *Informe general de la Provincia de St. Cruz de la Sierra*, viii. 211 †  
 Vienna, Imperial Academy of Sciences at, bequest by M. Boné to, v. 298; environs of, Austrian government map of, iv. 123, 249; plan of, Schönbrunn, v. 501; railway map of, Artaria and Co., ii. 208  
 Viénot, R., plan de la Ville d' Amiens, ix., 526  
 Vignon, L., *La France dans l'Afrique du Nord*, ix. 619 †; *L'Expansion de la France*, xiv. 873  
 Vigoni, P., *Abissinia*, iii. 379 †  
 Vilcamayo river, Bolivia, xii. 228  
 Vilers, M. le Myre de, on Malagasy names of places, viii. 598  
 Villamil de Rada, Dr. E., *La Lengua de Adán y el Hombre de Tiahuanaco*, xii. 707 †  
 Villanueva, Magdalena State, iii. 711  
 Villanueva, A., *Salitres i Guanos del Desierto de Atacama*, i. 286 †  
 Villaret, Cape, Australia, v. 724  
 Villarino, Don Basilio, *Surveys and Diaries of*, viii. 2, 2 †  
 Villavicencio, Dr. R., *La República de Venezuela, etc.*, ix. 526 †  
 Villegas, General, expedition in the Argentine Republic, iii. 594  
 Villenay, Lieut., expedition to the Tapajos, x. 651  
 Villers, G. de, presentation of collection of maps to Paris Geographical Society, viii. 402  
 Villiers, C. H., photographs of Somaliland, xiv. 584  
 Vilovo, J. R. S. von, *Die Felsungen des Kasan und die Donau- und Theiss-Regulirung*, i. 740 †  
 Vinci, Leonardo da, journey in Asia Minor, vi. 323, 342; the alpine notes of, Freshfield on, vi. 325\*  
 Vincent, B., Haydn's Dictionary of Dates, xi. 755 †  
 Vincent, F., Around and about South America, xii. 362 †; In and Out of Central America, xiv. 731 †  
 Vincent, M., on the island of Mohilla, x. 598  
 Vincente, Central Africa, xii. 717  
 Vincocaya, altitude of, Peru, xii. 229  
 Vindhya range, viii. 681  
 Vineland Voyages, Studies on the, Storm, xi. 462 †  
 Vining, E. P., *An Inglorious Columbus*, vii. 768 †  
 Vinland the Good, British North America, vii. 25  
 Vipsha, or Zipsha, country, Central Africa, xii. 751  
 Virehow, Prof., on acclimatization, ix. 691; on the country and people of old and new Egypt, xi. 49, 50  
 Virginia, South-West, Resources of, Boyd, iii. 505 †  
 Virunyo Viagongo mountain, W. Africa, xiv. 541  
 Vis, C. de, on the fauna of Owen Stanley range, xii. 717  
 Vishalgarh, fort of, W. India, iv. 467, 468  
 Viso, J., *Mapas para servir al estudio de la frontera entre Venezuela y Colombia*, vii. 494  
 Vista, W. Africa, v. 695  
 Vivi, W. Africa, ii. 183, iii. 97, v. 569, 697, 698, vi. 181, 182, 624  
 Vivian, A. P., *Wanderings in the Western Land*, ii. 72 †  
 Vladivostock, Manchuria, ii. 567  
 Vlamingh, Capt. W. de, Arctic voyage of, ii. 7  
 Voelkof. See Wocikoff.  
 Vogel, Dr., *Le Monde Terrestre au point actuel de la Civilisation*, ii. 523 †; *L'Europe Orientale depuis le traité de Berlin*, ii. 588 †; *Post- und Eisenbahn-Karte von Deutschland, etc.*, vi. 303; on photography, xiii. 670  
 Volcanic curves in Europe, Kalkoussky on, ii. 138  
 Volkmar, F., *Atlas Universal para las Escuelas primarias, secundarias y normales*, x. 676  
 Volga, Russian trade between Persia and the, v. 122; work on the, Ragosin, ii. 655  
 Vollant, G. A., *Collection of Ugro-Russian Songs*, viii. 60 †  
 Volcanic mountains, xiv. 422  
 Volta, bend of the Xingu river, viii. 520  
 Volta river, W. Africa, v. 39, 600, xii. 167, 168; Basel Missionaries' Explorations on, viii. 246\*; British and German boundaries on, xii. 653  
 Volxem, M. J. van, on the level of the Caspian, i. 340  
 Volz, Dr. B., *Unsere Kolonien: Land und Leute*, xiv. 873 †  
 Von Buch, L., on changes in the sea-level, xiv. 639  
 Von der Decken, Baron C. C., *Reisen in Ost Afrika in 1859-65*, iii. Band, i. 741 †  
 Von Donop. See Donop.  
 Von Haast. See Haast.

- Von Lendenfeld. *See* Lendenfeld.  
 Von Müllendorf. *See* Müllendorf.  
 Von Mueller. *See* Mueller.  
 Von Roon, Field-marshal, death of, i. 280  
 Voos, Leopold, plan of Hamburg-Altona, v. 435  
 Vorarlberg, journeys through, i. 284 †  
 Vosges mountains, M. Chiron on the structure of the, xiv. 318  
 Vossion, L., *Les Provinces Égyptiennes du Soudan et de l'Équateur*, xiv. 873 †  
 Vryburg, S. Africa, xiii. 2  
 Vuga, Usambara, i. 82, 84, 85  
 Vuillemin, A., atlases by—France, vii. 272; Europe (physical), iii. 704; river basins of France and Europe, i. 224; maps by—basins of the Tagus, Guadiana, etc., ii. 396; Europe (physical), iii. 697, v. 120; Haiti, iii. 512; Pyrenees (physical and route), i. 154  
 Vuillot, M., excursion to the "Shotts" of Algeria, xiv. 471  
 Vujia, Persia, v. 58  
 Vulcan island, Oceania, volcano of, v. 511  
 Vunduzi river, viii. 509  
 Vunge, E. Africa, xii. 147  
 Vyse, G. W., on the Tal-Chotiali route from India to Candahar, ii. 318  
 Vyvyan, Sir R., death of, ii. 402

## W

- Waagen, W., Salt-range fossils, Geological Survey of India, ix. 259 †  
 Wa-asi tribe, E. Cent. Africa, v. 528  
 Wabasca, Lake, N. America, v. 635  
 Wa-bona tribe, vi. 525  
 Wabisa people, vii. 334  
 Wabondei tribe, E. Africa, i. 84  
 Waboni tribe, W. Africa, xiv. 518  
 Wabuma tribe and river, West Central Africa, v. 577, 578, 580, 702, 706  
 Wa-buno tribe, W. Africa, v. 706  
 Wa-chagga tribe, vii. 145, xii. 701  
 Wadat, area of, xi. 572, 573; Matteucci's expedition to, ii. 317, 507  
 Wadan tribe, E. Africa, v. 717 \*  
 Waddington, S. E., Spain and the Spaniards, xii. 186 †  
 Wade, Sir T., remarks at evening meetings, iv. 764, v. 454, ix. 372, 565, x. 43  
 Wadsagga. *See* Wachagga.  
 Wa-duruma tribe, E. Africa, vi. 553  
 Wady Arabah, the, v. 675  
 Wady el Hum'h and Wady e' Rumina, Arabia, vi. 388  
 Wady Halfa, vii. 124  
 Wady Qondil, viii. 94  
 Wady Sirhan, Arabia, ii. 83  
 Wady Sudr, reconnaissance sketch map of Warren, v. 436  
 Wady Sufur dyke, Nubian desert, vi. 332  
 Waetip, Mount, New Guinea, vii. 505, 527  
 Wagadugu, town of, W. Africa, xii. 167  
 Waganda tribe, Central Africa, ii. 355, 384, v. 480, xiv. 828, 891; Notes on, ix. 132 †  
 Wagner, Dr. H., Uebersicht der Länder in welchen bisher wirkliche Volkszählungen stattfanden (maps), ii. 655; on graphic illustrations in geographical teaching, iii. 440; map of the German Empire and neighbouring countries, v. 183; of Alsace-Lorraine (wall), viii. 348; on the growth of geographical societies of the world, xi. 42; on geographical professorships in Europe, xi. 43; on the progress of educational geography, xi. 43; on the natural limits of Europe, xii. 684; estimate of the population of the earth, xiii. 689; Festschrift im Namen der Georg-Augusts-Universität zur akademischen Preisverteilung am 4 Juni, 1890, xiii. 188 †; Geographisches Jahrbuch †, vii. 264, viii. 281, xi. 191, xiii. 189, xiv. 344  
 Wagner, J. E., general map of Bohemia, v. 183; *id.*, Western, iii. 640; *id.*, railways and roads, x. 673  
 Wagstaff, W. G., report on the coal fields of S. Russia, x. 305  
 Wagneno tribe, Central Africa, xii. 230  
 Waguha tribe, iii. 221-223  
 Wagwangwara tribe, i. 421  
 Wahab, Capt., survey of the Black Mountain region, etc., xi. 105, 411, xiii. 557; on the Zheb valley, xii. 169; on the Miranzai expedition, xiii. 696  
 Wahehe tribe, E. Africa, i. 329, ii. 121  
 Wahiao. *See* Yao  
 Wahl, M., L'Algérie, iv. 444 †  
 Wahlen, E., Wahre Tag-smittel und tägliche Variation der Temperatur an 18 Stationen des Russischen Reiches, ix. 458 †  
 Wahnschaffe, Dr. F., Die Ursachen der Oberflächengestaltung des Nord-deutschen Flachlandes, xiii. 737 †  
 Wahuma tribe, xii. 320, xiv. 823, 832  
 Wahumba tribe, E. Africa, i. 789, v. 518, 520, 539, 585. *See also* Wakwafi.  
 Wahyao. *See* Yao.  
 Waigat Fjord, temperature in, vi. 575  
 Waigatz island, Kara Sea, v. 97, 600, 601  
 Waikato river, New Zealand, vii. 206-209, 218  
 Wainad, the, S. India, vii. 726  
 Waingmaw, Irawadi river, iv. 561  
 Waini river, Guiana, xiv. 668, 675  
 Wais, village of, Karun river, xii. 520  
 Waitomo caves, New Zealand, Humphries, xi. 786  
 Wa-itumba Iron-workers, Visit to, East, v. 581 \*  
 Wajmāni pass, Northern Persia, v. 78  
 Wakaguru tribe, E. Africa, i. 790  
 Wakelindi tribe, E. Africa, i. 84  
 Wakamba tribe, E. Africa, i. 789, iv. 155, xi. 132, xiv. 520, 521  
 Wakavirondo tribe, E. Africa, iv. 737, 743, vi. 707, xiv. 822  
 Wakefield, Rev. Th., work in E. Africa, i. 273; fourth journey to the Southern Galla country, i. 684, iv. 368 \*; Informa

- Wakefield, Rev. Th.—*continued*—  
 tion collected by, on Native Routes through the Masai Country, iv. 742\*, v. 380; *id.*, on Somali and Galla Land, vi. 255\*; grant of instruments to, v. 415; Vocabulary of the Kávirindq Language, ix. 588†; his exploration of the Tana, xiv. 531; on the Wakwafi raid, near Mombasa, v. 99, 289
- Wakhan river, xiv. 19, 22
- Wakhjirui, or Wakiiji Kul pass, Hindu Kush, xii. 234, xiv. 783
- Wakil and Beg clans of the Turkomans, iii. 541
- Wakoli, tribe, xiii. 205, xiv. 414
- Wakonde. *See* Wankonde.
- Wakonju tribe, Central Africa, xi. 724
- Wakosobo tribe, E. Africa, iv. 737, v. 541
- Waksh river, Darwaz, iv. 414, 415, vi. 505, viii. 38
- Wakwafi tribe, E. Africa, i. 789, iv. 731, v. 541, vi. 77 *et seq.*, 629, 704; raid on the district near Mombasa by, v. 289. *See also* Wakhumba.
- Wala river, Africa, survey by Boehm and Reichard (map), v. 184
- Walcott, Ch. D., paleontology of the Eureka district, United States geological survey, vii. 770
- Walde, A., Touristen-Karte vom oberen Murg- und Renchthalgebiet, ix. 787
- Waldenburg, special map of, Oldbich, ix. 723
- Walegga. *See* Waregga.
- Wales, Prince of, remarks on Stanley's journey, xii. 329
- Wales, Philip's handy atlas of the counties of, Bartholomew, iv. 712; History and Geography of, for the Young, x. 473†; North, Murray's Handbook for travellers in, viii. 212†
- Walish Bay region, xii. 662; explorations in, Duparquet, ii. 586; Stapf, ix. 511
- Wallabad, Persia, v. 60
- Walker, Gen. J. T., work on the N. W. frontier of India, i. 61; map of Turkistan, etc., i. 748; reports, etc., on the survey of India (*see* India, survey of); on the mean sea-level at Bombay and Madras, iv. 611; on A—K's journey in Tibet, v. 169, vii. 65\*; survey work in India, vii. 682, 683; Address at the British Association, 1885, on the Survey of India, vii. 675; Notes on Mount Everest, viii. 88\*, 257\*; on the identification of Mount Everest, viii. 179, 180; on the identity of the Yáru-Sampo, viii. 100; on the mean sea-level of Suez and Panama canals, viii. 337; on the Lu River of Tibet, ix. 352\*; on the hydrography of S.E. Tibet, x. 577\*; proposal for naming of Peak K.2, x. 380, 516; on the geography of the Pamir, xiv. 52; on Expeditions among the Kachin tribes of Upper Burma, xiv. 161\*; on Dauvergie's
- Walker, Gen. J. T.—*continued*—  
 Travels in Chinese Turkistan, xiv. 779\*; remarks at evening meetings, vi. 415, 447, vii. 273, 284, 304, 326, ix. 38; x. 41, 516, xiii. 421
- Walker and Bonson, Messrs., map of the western province of the Gold Coast Colony, vi. 360
- Walker, H. B., atlas of the Dominion of Canada, i. 160
- Walker, Henry, explorations in North Borneo, x. 142
- Walker, John, his cartographic work, xiii. 626
- Walker, Lieut., route between Burma and Arakan, xiv. 411
- Walker, Mount, Owen Stanley range, xii. 559
- Walker, Mrs., Untrodden Paths in Roumania, xi. 53†
- Walker, R., the Five Threes—33,333 miles by land and sea, vi. 312†
- Walker, R. B. N., on Sete Kama, West Africa, x. 36
- Walker, Rev. F. A., Nine Hundred Miles up the Nile, vi. 543†; remarks at evening meetings, viii. 124, xi. 17, 373, xii. 486
- Walker, W. F., the Azores or Western Islands, viii. 402†
- Wall, H. B. de la Poer, Manual of Physical Geography of Australia, ix. 650†
- Wallace, A. R., Australasia (Stanford's Compendium), i. 410†; on The Dutch Expedition to Central Sumatra, i. 775; Island Life†, ii. 713, xiv. 347; Travels on the Amazons and Negro, xii. 248†; remarks on receiving negro, xiv. 485
- Wallace, J. H. *See* Sierron.
- Wallace, Robert, the Rural Economy of Australia and New Zealand, xiv. 781†
- Waller, or Chombe mount, Lake Nyasa, i. 293, iii. 265
- Wallin, Dr., journey in Arabia, ii. 100
- Wallis, G., journey up the Purus, xii. 240
- Wa-iori tribe, E. Cent. Africa, v. 585
- Walseck, G., Eisenbahn-Karte v. Deutschland, ii. 144
- Walter, Dr. A., explorations in Spitzbergen, xi. 684. *See* Kükenthal.
- Walter, Prof., death of, i. 280
- Walter, Rev. H., some results of fifty years' explorations in Africa, iii. 686; on Some African Entanglements, x. 603†; Ivory, Apes, and Peacocks; an African Contemplation, xiii. 376†; remarks at evening meetings, i. 533, ii. 350, 741, iii. 277, iv. 87, vi. 194, 534, 654, vii. 450, viii. 85, xi. 78, 383, xii. 145, 743
- Walterhausen, S. di, Carta topografica dell' Etna, ii. 144
- Walther, Prof. J., on the geology of the Sinai peninsula and Arabian desert, x. 394; comparison of the deserts of N. America with those of N. Africa and India, xiv. 180

- Walvisch Bay. *See* Walfish.
- Wama, country of, Galla-land, vi. 266, 267
- Wamahenge tribe, E. Africa, ii. 117
- Wamanikapou lake, Labrador, x. 196
- Wambu river, viii. 736, ix. 708
- Wambugu tribe, E. Africa, i. 84, xi. 40
- Wambutti, dwarf tribe, Central Africa, xi. 272
- Wa-megi tribe, East Central Africa, v. 518
- Wami river, Central Africa, ii. 617, vii. 453
- Wanagi, W. Africa, iii. 28
- Wanderer, the, Voyage of, Lambert, vi. 173†
- Wandorobo tribe, E. Africa, v. 532, 541, vi. 80
- Wangemann, Dr., Uebersichtskarte über die evangeli-sche Missionsarbeit, in Süd-Afrika, iii. 640
- Wangindo tribe, i. 421
- Wanguru tribe, E. Africa, i. 789, v. 517, 522
- Wanj river, Darwaz, iv. 414, viii. 45, 46
- Wankoude tribe, Central Africa, xii. 728
- Wansage, Abyssinia, mineral springs at, iv. 107
- Wantan, plain of, China, v. 446
- Wanyanwezi tribe, E. Africa, xi. 591, xii. 242, xiii. 516
- Wa-nyanja tribe, E. Africa, x. 28
- Wa-nyasea tribe, xiii. 270
- Wanyoro tribe, Central Africa, v. 480
- Wapangwa tribe, E. Africa, ii. 728
- Wapare tribe, E. Africa, iv. 732, xii. 615
- Wapiti, the, in Athabasca district, v. 640
- Wapokomo tribe, xii. 130, 134
- Warbung, Dr., on his journey in Formosa, xi. 742
- Warburg, Dr. O., journey to the Bonin Islands, xiii. 369; on the vegetation of New Guinea, xiv. 244
- Warburton, Col. E., journey across Western Australia, ix. 694, 695
- Warburton, or Diamantina river, Central Australia, iv. 165
- Ward, C. S., Guides by (Thorough Guide Series)†; the Eastern Counties, ix. 458, xiv. 723; Devon, South, and Cornwall, xi. 566, xiv. 424; Ireland, xi. 53; Surrey and Sussex, xii. 637; Wales, North, vii. 771
- Ward, Herbert, Five Years among the Congo Cannibals, xiii. 54†
- Ward, T. H., the Reign of Queen Victoria, ix. 590†
- Wardrop, O., the Kingdom of Georgia, x. 807†
- Waregga, or Walegga tribe, Cent. Africa, xiv. 546
- Wargla, Algeria, iv. 362
- Wari tribe, British New Guinea; MacGregor's visit to, xiv. 414
- Wa-rima tribe, E. Cent. Africa, v. 522, 585
- Warming, Prof., expedition to West Greenland, vi. 344
- Warramuri, Guiana, xiv. 672
- Warraputa cataracts, rock pictures at the, ii. 472
- Warian Redmen, of Guiana, xiv. 678, 682
- Warren, Sir Ch., reconnaissance of Arabia Petraea, etc., v. 486; plan of Jerusalem, vi. 547; Survey of Western Palestine, vi. 424†; Address at the British Association, 1887, ix. 629\*; on the Ordnance maps, ix. 704
- Warrior reef, New Guinea, v. 517
- Warua tribe, E. Africa, ii. 557, 735
- Warufji tribe, iii. 647
- Waruguru tribe, W. Africa, xiv. 528
- Warumi river, New Guinea, xii. 560
- Wasambara tribe, E. Africa, i. 84, 91
- Wasania district, xii. 131
- Waseguhha tribe, E. Africa, i. 789
- Washamba tribe, xi. 97
- Wa-shan, Mount, China, xiii. 332, 333
- Washington, astronomical conference at, vi. 477; Rand and Co.'s sectional map of, xii. 574
- Washington, Cape, N. Greenland, xiv. 699
- Washington, Major F. P., on the Methods and Processes of the Ordnance Survey, xiii. 243†
- Washington, the, surveying ship, v. 489
- Washjird, Turkistan, vi. 511, 512 and *note*
- Wassaw, Gold Coast, map of, Horton, iv. 581; map of routes in, Thompson, vi. 488
- Wasura tribe, xiv. 834
- Wata's hills, Mashona-land, xii. 147
- Wa-teita tribe, E. Central Africa, v. 545, vi. 555-557
- Waterfalls, Cataracts, and Geysers, Great, described and illustrated, Gibson, ix. 523†
- Waterhouse, Colonel, xiii. 403; survey work in India, vii. 691
- Water-partings, Studies on, Philippon, ix. 61†
- Waters, Our Northern, Bell, vi. 301†
- Waters, Underground, Present and Past, Daubrée, x. 544†
- Watersheds, as means of fixing boundaries, xiii. 600; the great, of the globe, Von Tillo on, ix. 310
- Wathaka, country and people, xiv. 524
- Watling island, the Guanahani of Columbus, vi. 587, xiv. 593
- Watson, Major C. M., Comparative Vocabularies of the Languages spoken at Suakin, x. 480†; position of Gondokoro, xi. 643, 644; the Campaign of Gordon's steamers, xi. 751†
- Watson, R., surveying expedition across Queensland, iii. 666; map of Queensland, showing proposed railway to S. Australia, iv. 128
- Watson, R. S., a Visit to Wazan, the Sacred City of Morocco, ii. 782†
- Watson, Th., on the proposed African overland telegraph, i. 271

- Watt, Dr. G., on geographical education, viii. 724; Catalogue of Indian Exhibits at Colonial Exhibition, viii. 798†; on Woodthorpe's expedition to the Irawadi, ix. 89; on Manipur, xiii. 292
- Watts, Mr., visit to Askja volcano, iii. 478
- Watwa dwarf tribe, Africa, vi. 590. *See* Batua.
- Waugh, Gen. Sir A., survey work in India, vii. 632; on the name of Mount Everest, viii. 88, 177, 184
- Wa-Ukara, E. Africa, iv. 745
- Wa-ungu tribe, E. Africa, xii. 226
- Wauters, A. J., Les Belges au Congo, vii. 407†; Le Congo au point de vue économique, viii. 61†; Stanley's Emin Pasha Expedition, xii. 182†
- Wauthier, Lieut., death of, i. 273
- Wa-Wemba tribe, Central Africa, xii. 784
- Wax-insect of Western China, v. 673, 674
- Wa-Yao. *See* Yao.
- Wazarambo tribe, E. Africa, iii. 309
- Waziri tribe, i. 51
- Waziristan, i. 50; notes on the Shaktal valley of, Young, iv. 557\*; surveys in, iv. 343
- Wears, W. G., the Prospects of Gold-mining in Venezuela, x. 398, 605
- Weather Changes, Popular Exposition of the Nature of, Abercromby, ix. 719†
- Weather Charts, Principles of Forecasting by means of, Abercromby, viii. 280†
- Weather-forecasting for the British Islands, by Barometer, Toynbee, xiii. 567†
- Webbe, or Wobbi river, Africa, v. 717
- Webbe Shebeyli river, v. 717, vi. 260, 261, vii. 632, 633; Journey through the Somali Country to, James, vii. 625\*
- Webber, Port, New Britain, iii. 93
- Weber, M. M. von, Die Wasserstrassen Nord-Europas, iii. 574†
- Weber, Prof. Albrecht, India and the West in Old Days, x. 110†
- Wedderburne, trading-post of the Hudson's Bay Company, v. 652
- Wedza, or Wedsa Mount, S. Africa, vi. 285, x. 295, xii. 149, 351, 649, xiv. 299, 300
- Wegener, G., Versuch einer Orographie des Kwen-lun, xiii. 692†
- Wehl, Père, journey to Umzila's country, iii. 422
- Wei river, Central Asia, xii. 65, 75
- Weidner, F. G., Der Staat Sinaloa in Mexiko (map), vi. 110
- Weigand, Dr. G., Von Berat über Muskoplje nach Gjorje, xiv. 658†
- Weise, A. J., the Discoveries of America to the year 1525, vii. 260†
- Weiss, K., Meine Reise nach dem Kilima-Ndjarogebiet, ix. 715†
- Weissbuch, on German Colonial interests†, xi. 191, xii. 251
- Weissen-See, Carinthia, study of, Grissinger, xiv. 798; map of, *id.*, xiv. 580
- Welche and Mahon, M. M., Atlas Cantonal de Lot-et-Garonne, i. 747
- Weld, Rev. A., obituary of, xiii. 400
- Welle island, off New Guinea, v. 509
- Welle or Makua river (*see also* Mobangi and Kuta), iv. 686, vi. 248, 376, 589, ix. 47, 204, 291, 292, 298, 419, 420; theory of identity with the Shari, ii. 290; journey on, Junker's, iv. 228, v. 33, 34, 381, ix. 289, 290; tribes south of, *id.*, x. 390; identity of, with the Mobangi, x. 234, 412
- Weller, E., map of central Asia showing Prejevalsky's journey in 1877, i. 156; war map of Zululand, i. 351
- Weller, F. S., popular atlas by, Cassell & Co., xiii. 247
- Wells, J. W., Planta Geral das Estradas de Ferro das Provincias do Rio de Janeiro, etc., ii. 206; the Physical Geography of Brazil, viii. 353\*, xii. 671; Visit to the Delta of the Tocantins, viii. 513\*; Three Thousand Miles through Brazil, viii. 800†; on the exploration of the Rio Dôce, x. 81; on lands still available for European settlement, xiii. 34
- Wells, Major, journeys in S. W. Persia, v. 128, 129, xii. 512, 553; survey of the obstruction in the river Karun at Ahwaz, v. 127; Surveying Tours in Southern Persia, v. 138\*
- Wembare or Muaru river, ix. 45
- Wên-chow port, report on trade of, i. 392
- Wende, Sierra Leone, xiv. 440
- Wenng, L., Karte der Alpen, ix. 395
- Wensierski, P. and J. von, Karte von Central-Ostafrika, vii. 607
- Werga river, Morocco, xiii. 167
- Weriweri river, E. Africa, xii. 176, 343
- Werner, J. R., the Congo, and the Ngala and Aruwimi Tributaries, xi. 342\*; Visit to Stanley's Rearguard, etc., xi. 460†; obituary of, xiii. 616
- Werner, O., Katholischer Missions-Atlas, viii. 136
- Werner, W., Das Kaiserreich Ostindien nach den Reisen der Brüder Schlagintweit, vi. 608†
- Wernich, A., Geographisch-medicinische Studien nach der Erlebnissen einer Reise um die Erde, i. 152†
- Werre, or Opi river, ix. 292
- Werthemann, Herr, explorations in the Amazonas basin, i. 535
- Weser river, map of, from Bremen to Bremerhaven, *Pet. Mitt.*, ii. 591
- West, J., an archæological map of Sussex, vii. 697
- West, R. H., Barometrical Determination of Heights in Lebanon, xiv. 371†
- Westenberg, M., journey in the country of the Battaks, Sumatra, xiii. 561
- Western, Lieut.-Colonel, report on the Raian basin, ix. 610
- Western Hills, Our, and How to Reach them, by a Glasgow Pedestrian, xiv. 886†
- Westgarth, W., Half a Century of Australasian Progress, xi. 896†



## West Indies—

- Explorations in, Ober, i. 722  
 Forests of the, Hooper, x. 742 †  
 Handbook and Catalogue of, viii. 603 †  
 Jettings on the, etc., Radford, ix. 461 †  
 Photographs of, Isaacson, xiii. 644  
 Surveys, Admiralty, in, iv. 552, v. 594  
 The English in the, Fronde, x. 108 †  
 Through the, Layard, x. 110 †  
 Works on—Edon, ii. 709 †; Eves, xi. 396 †  
 West Indian Problems, Connection of the Trade Winds and the Gulf Stream with some, Haliburton, viii. 732 †  
 Westphalia, maps of, Algermissen (school wall), vi. 174; Kiepert, viii. 64  
 Wettstein, H., Die Strömungen des Festen, Flüssigen, und Gasförmigen, etc., ii. 202 †  
 Weyprecht, Lieut., Die Metamorphosen des Polareises †, i. 153, 539; on scientific research in the Polar Regions, i. 739; Arctic voyage of, ii. 14, 15  
 Whaling expeditions to the Antarctic Seas, xiv. 244, 415, 473, 637, 862  
 Whangahau river, New Zealand, source of, vii. 216–218  
 Whanganui river, source of, vii. 221  
 Wharton, Capt., journey with Dr. Kirk, in Usambara, i. 92; surveys north of Madagascar, i. 370; of South American coasts, v. 594; report on Admiralty surveys, vii. 427; Account of Christmas Island, Indian Ocean, x. 613\*; remarks at evening meetings, vii. 451, 643, ix. 84, xi. 169, 510, xii. 144  
 Wharton summit, Owen Stanley range, xii. 559  
 Wheeler, Capt., survey work in Oregon in 1878, i. 394; id., Goad on, i. 694; topographical map of Lake Tahoe region, ix. 445; Report on the Venice Congress and on National Surveys, viii. 803 †  
 Wheeler, J. T., A short History of India, etc., ii. 269 †  
 Wheeler, Stephen, on the geography of the Pamir, xiv. 51  
 Whemi river, W. Africa, xii. 597; Foa's voyage up the, xi. 98  
 Whemian tribe, W. Africa, xii. 602  
 White, A. S., x. 731; the Development of Africa †, xiii. 55, xiv. 503; the Comparative Value of African Lands, xiii. 630; Britannic Confederation, xiv. 344 †  
 White, C., expedition N. E. of Kanchinjunga, xiv. 613  
 White, C. A., Mountain Upthrusts, x. 609 †; on the geology and physiography of North-West Colorado, etc., xiii. 307; on the prairie fires of N. America, xiv. 83, 86, 91  
 White, Lieut.-Col. T. P., the Ordnance Survey of the United Kingdom, ix. 205 †  
 White, Lieutenant, surveys of Coasts of West Indies, v. 594

- White, R. B., Notes on the Central Provinces of Colombia, v. 249\*  
 White Head mountain, or Poik-tu-San, Korea, xiv. 141  
 White island, Arctic Ocean, vi. 40  
 White Mountains, Bear-Hunting in the, etc., Seton-Karr, xiv. 64 †  
 White river country, Alaska, xiii. 84  
 White river, Oregon, i. 699  
 White Sea Peninsula, the, by Ed. Rae, iv. 116 †  
 Whiteaves, J. F., Geological and Natural History Survey of Canada, vol. i., viii. 406 †  
 Whitehouse, Cope, the Latest Researches in the (Raian) Moeris basin, vi. 601\*; projected restoration of the same, vii. 756; surveys in the same, viii. 455, 730; account of the same, ix. 608\*, x. 733; map of the same, x. 811; work on the same, xii. 247 †; Ptolemaic maps and Lake Moeris, xii. 684; remarks on the teaching of geography at the Universities, ix. 700  
 Whitely, H., explorations in the interior of British Guiana, iv. 612 †; in the neighbourhood of Mounts Roraima and Kukenam, vi. 452\*, vii. 514, 529; grants of instruments to, v. 415; ascent of Mount Twiek-kway, viii. 453  
 Whitford, John, the Canary Islands as a Winter Resort, xiii. 181 †  
 Whitmee, Rev. S. J., ethnographical map of the Pacific Islands, i. 614  
 Whitney, Prof. J. D., the Climatic Changes of Later Geographical Times, etc., v. 114 †; Names and Places, x. 181 †; the United States, xi. 317 †; a Concise Dictionary of the Principal Roads, etc., of Japan, xi. 393 †; on the treelessness of the American prairies, xiv. 81; some Physical Properties of Soils, etc., xiv. 277 †  
 Whymper, Ed., the Ascent of the Matterhorn, i. 809 †; of Chimborazo, ii. 252, 267, (second) 570; of Antisana, ii. 510; of peaks in Ecuador, di. 369, 585; Journey among the Great Andes of the Equator, iii. 449\*; in Greenland, vi. 155; How to Use the Aneroid, xiv. 134 †; Travels Amongst the Great Andes of the Equator, xiv. 263 †; route map to illustrate the same, xiv. 350; remarks on receiving medal, xiv. 487; at the anniversary dinner, xiv. 496  
 Whymper glacier, New Zealand, vi. 62  
 Whyte, Mr., exploration of the Milanji mountains, xiv. 472  
 Wiche's land, Arctic Sea, iii. 138  
 Wichmann, Prof. A., explorations in the Dutch East Indies, xi. 505; visit to Rotti Island, xiv. 469; Karte der Insel Rotti, xiv. 581  
 Wichmann, H., on Capt. Binger's explorations in the Niger basin, xii. 167; report on geographical societies, xiv. 235



- Wichmann, E. H., map of Great Britain and Ireland, ii. 784, v. 435
- Widdicombe, John, Fourteen Years in Basutoland, xiii. 694†
- Wide river, North-West Canada, v. 635
- Wideville, map of environs of, viii. 751
- Widney, J. P., and Walter Lindley, California of the South, x. 397†
- Wiedemann, Dr., on the Trans-Caspian railway, x. 174
- Wienes, Ch., on the position of Guayaquil, iii. 585; explorations in Ecuador and North Peru, ii. 776, iii. 184, 487, 738; Péron et Bulivic, ii. 142†
- Wieng Chan town, story of, x. 124
- Wiesbaden, topographical map of, v. 309
- Wiese, C., Expedição Portuguesa a Mpe-sene, xiv. 808†
- Wieser, Dr. F., Magalhães-Strasse und Austral Continent auf den Globen des Johannes Schöner, iii. 576†
- Wiggins, Capt., voyages from Europe to Siberia, ix. 683, xi. 694
- Wi-ju, town of, viii. 300, 301; route from, to Ham-heung, viii. 304
- Wilcox, Capt., journey to the Upper Irrawadi, iv. 259, 266, ix. 20; position of Sama, vii. 317
- Wild, A. E., on the condition and management of forests in Cyprus, i. 725
- Wild, G., Von Kairo nach Massaua, i. 345†
- Wild, Dr. H., Annals of the (Russian) Physical Observatory, viii. 274†; meteorological record, published by the Imperial Academy of Sciences, viii. 409†; Die Regenverhältnisse des Russischen Reiches, x. 252†; *id.* (map), x. 257
- Wild, J. J., Experiences Afloat and Ashore during the Voyage of H.M.S. *Challenger*, i. 152†
- Wild Beasts and their Ways, Baker, xii. 771†
- Wilde, Dr. Eduardo, Senado Argentino, ix. 717†
- Wilde, Henry, on the Causes of the Phenomena of Terrestrial Magnetism, etc., xiii. 742†
- Wilkes, Ch., Narrative of the United States Exploring Expedition, viii. 283†
- Wilkins, Prof., on the Teaching of Geography at the Universities, ix. 700
- Wilkins, W., Australasia. Descriptive and Pictorial Account, x. 254†
- Wilkinson, J. G., the African and the True Christian Religion his Magna Charta, xiv. 347†
- Wilkinson, Spencer, on some defects of the Ordnance Maps, ix. 702; on the utilization of the Ordnance Survey, ix. 704
- Wilkitzky, Lieut., pendulum observations in Russia, xiii. 168
- Willacumez island, off New Guinea, volcano of, v. 511
- Willem Barents, the, Arctic voyages of, i. 28, 330, 669, 705, ii. 1, 32, 33, iii. 484, iv. 35\*, 680, v. 213, 223, 348, 379, 556, 660; (fourth) report on, iv. 517†; captians of, 1878-83, v. 348
- Willems, M., journey in interior of Northern Tierra del Fuego, xiii. 365
- Williams, Capt., on the island of Espiritu Santo, xiv. 710
- Williams, Dr. C., obituary of, i. 525
- Williams, Gen. Sir W. Fenwick, obituary of, vi. 381
- Williams, J. F., the Queen's Jubilee Atlas of the British Empire, ix. 67
- Williams, Josiah, Life in the Soudan, vi. 686†
- Williams, R. C., Bamanguato country, v. 484; journey in South Central Africa, vi. 154
- Williams, W., Climbing Mount St. Elias, xi. 317†
- William's river, Athabasca, v. 645
- Williamson, Hon. J. A., map of the United States and Territories, i. 157
- Williamson, T., Old Highways in China, vii. 405†
- Willoughby, Sir Hugh, Arctic expedition of, ii. 8
- Willoughby, Sir J. C., East Africa and its Big Game, xii. 121†
- Wills, C. J., Persia as it is, ix. 131†
- Wille, J. T., Dr. Junker and the (Wille) Makua, ix. 285\*
- Wilmot, A., Geography of S. Africa for the use of Higher Classes in Schools, vi. 102†
- Wilson, A. D., map showing the primary triangulation of 1877-78, i. 352
- Wilson, Dr. A., chart of the world, showing 300 geographical regions, i. 159
- Wilson, Hon. J. B., Report on Lord Howe Island, iv. 774†
- Wilson, J. H., China: Travels and Investigations in the Middle Kingdom, ix. 779†
- Wilson, J. S., Geological Mechanism, xii. 366†
- Wilson, Rev. C. T., journey to Uganda, i. 2, 590; on temperature in Uganda, and the rise of the Victoria Nyanza, i. 135; Uganda and the Victoria Lake, ii. 338; on King Mtesa's envoys, ii. 383; journey from Kagei to Tabora and back, ii. 616; (and Felkin, R. W.), Uganda and the Egyptian Soudan, iv. 183†
- Wilson, Col. Sir C. W., journeys in Asia Minor, vi. 368; Notes on the Physical and Historical Geography of Asia Minor, vi. 305\*; on the identification of the Pinarus with the River Piyas, vi. 540; from Korti to Khartum, etc., viii. 129†; on the utilization of the Ordnance survey, ix. 704, 786; address as president of the geographical section of the British Association, Bath, 1888, x. 645, *et seq.*

- Wilson, Col. Sir C. W.—*continued*—  
on the state of the Ordnance maps, xii. 682; remarks at evening meetings, ix. 703, x. 731
- Wilson, John, Indian caste, ix. 62†
- Winchell, Prof., on the treelessness of the American prairies, xiv. 81; on the geographical development of coast lines, xiv. 640
- Winchester, C. A., on McCarthy's journey across China to Bhama, i. 508; obituary of, vi. 381
- Winckler, W., on Hallett's railway survey in Siam, etc., viii. 19
- Wind-action in Egypt, Petrie, xi. 646\*
- Wind and current charts, atlas of, for Pacific, Atlantic, and Indian Oceans, Evans, i. 414
- Wind, force of the, over open sea, xiii. 143; influence of, in valley formations, Ruck-täschel on, xi. 609, 610
- Wind-currents, Statistics of our, Supan, iii. 192†
- Wind-driven sand, surface action of, Stone on, viii. 192
- Wind lake, Athabasca, v. 646
- Winds of the globe, the permanent, Thomson on, xiv. 555
- Winds, the, Jordan, vii. 410†
- Windt, H. de, From Pekin to Calais by Land, xi. 315†
- Wingate, Major F., Mahdism and the Egyptian Sudan, xiii. 740†
- Winnecke, C., explorations in Central Australia, vi. 566, 594; plan showing the same, vi. 614
- Winnipeg, depth of frozen soil at, Bell on, viii. 745; railway from Hudson's Bay to, x. 564, 566
- Winslow, A., on the prairie fires of N. America, xiv. 95
- Winsor, J., Narrative and Critical History of America, viii. 747, ix. 207, 588, x. 253, 741, xii. 121; Christopher Columbus, etc., xiv. 135†
- Winstanley, W., A Visit to Abyssinia, iii. 504†
- Winterberg, A., Malta, i. 284†
- Winton, Sir F. de, the Congo Free State, viii. 609\*; the Commercial Future of Central Africa, x. 722\*; Address at the Brit. Association, xi. 613\*; remarks at evening meetings, ix. 302, 418, x. 530, 537, 732, xi. 16, 80, 341, 342, 378; receives medal for Lient. Wissmann, x. 467
- Wipper, J., wall map of European Russia, iii. 251
- Wisely, Capt., on Cyprus, xi. 719
- Wislicenus, Dr. W. E., Handbuch der Geographischen Ortsbestimmungen auf Reisen, etc., xiii. 308†
- Wisotaki, E., Hauptfluss und Nebenfluss, xi. 637†; Die Strömungen in den Meeresstrassen, xiv. 877†
- Wissmann, Lient., expedition in West Africa with Dr. Pogge, and across the continent, iii. 811, iv. 572, 753, v. 380, 381, vi. 88, 590; Route der Pogge-Wissmann'schen expedition von Malanshe bis zum Tanganika (map), vi. 548; projected expedition to the basin of the Congo, v. 459; descent of the Kasai, vii. 671, 738, viii. 431, 611, ix. 640; further explorations in Central Africa, ix. 390, 776; award and presentation of patron's medal to, x. 300, 537; on the Influence of Arab Traders in West Central Africa, x. 525\*; Das Gebiet der Baschilunge-stämme (map), xi. 62; Karte der Gebiete zwischen Luluaberg and Nyangwe, xiii. 246; Meine Zweite Durchquerung Aequatorial Afrikas, xiii. 508†; English translation of the same, Bargman, xiv. 63†
- Witkovsky, B., Détermination des principaux points du Golfe de Bothnia, xiv. 867†
- Wito-land, ix. 493
- Witti, Franz, explorations in North Borneo, iv. 117, v. 384, x. 136, 137; death of, iv. 691
- Witwatersrand Gold Fields, Maps of:—xiv. 202; Jepps, x. 675; Troye, xi. 638, xii. 253; Wyld, xi. 401; (geological), Maidment, xiii. 573; Section of, Williams, xii. 645; Work on, Cowen, x. 396†
- Wi-wön river, viii. 302
- Wo, village of, W. Africa, vii. 380
- Wocho, mt. See Woso.
- Wodehouse, P. E., obituary of, x. 424
- Woelckoff, Dr. A., on the reversion of the Oxus to the Caspian, i. 475; on the effect of forests upon climate, vii. 240; Der Einfluss einer Schneedecke auf Boden, Klima, und Wetter, viii. 130, xi. 464; Die Klimate der Erde, ix. 135, 388; meteorological observations of agricultural importance in Russia, x. 736†; on the salt mines of Iletzki, xi. 110; on the temperature of lakes and rivers, xi. 181
- Wohlgemuth, Capitän von, expedition to Jan Mayen, iv. 292, v. 545; Die Oesterreichische Polarstation Jan Mayen†, viii. 537, 673, 750, ix. 263
- Wohlmann, Dr. F., Die natürlichen Faktoren der Tropischen Agrikultur, etc., xiv. 877†
- Woldermann, G., Schul-Wandkarte von Deutschland, viii. 680
- Woldt, A., Capt. Jacobsen's Reise an der Nordwestküste Amerikas, 1881-83, vi. 610†
- Wolf, Dr. J., Ein Besuch der Galapagos-Inseln, ii. 142, 325; Plano de Guayaquil (Ecuador), ix. 464; on the Geographical Conditions of the High Andes of Ecuador, xiv. 126\*
- Wolf, Julius, and Joseph Luksch, Physikalische Untersuchungen in der Adria, x. 106†

- Wolf, Dr. L., Explorations in the South Congo Basin, viii. 628, ix. 129, 640\*; *Völkstämme Central Afrikas*, ix. 588†; *Die Erforschung des Sankuru*, x. 603†; explorations in Upper Guinea, x. 799, xi. 561, xiii. 45; confirmation of the observations of Dr. Duncan, xiii. 45; death of, xii. 98
- Wolff, Dr. W., Explorations in the Congo district, viii. 634; Von Banana zum Kiamwo, xi. 254†
- Wolff, H. W., Rambles in the Black Forest, xii. 569†; the country of the Vosges, xiii. 737†
- Wolff, Sir H. Drummond, on the extent of cultivable land in Egypt, ix. 609
- Wolkenhauer, Dr. W., biographical sketch of Emin Pasha, ix. 251
- Wollaston, A. N., and Sir R. Lethbridge, a gazetteer of the territories under the Viceroy of India, edited by, viii. 535†
- Wollaston lake, North America, v. 644, 645
- Wonderland: or Alaska and the Inland Passage, Schwatka, xi. 50†
- Wontofa (Falen), position of, xi. 176
- Wood Cape, Lieut. Rosungeloff's hut at, v. 662
- Wood, Capt., Arctic voyage of, ii. 7
- Wood, C. W., Letters from Majorca, x. 803†
- Wood, F. H., pictorial map of Palestine, ix. 268
- Wood, Lieut., journey in the Hindu Kush, i. 115, 117
- Wood, Major Herbert, obituary of, ii. 132
- Wood, W. Martin, remarks on Doughty's travels in Arabia, vi. 395
- Woodford, C. M., on the elevation of the Gilbert islands, vi. 685; Exploration of the Solomon Islands, x. 351\*; *id.*, (third expedition), x. 302, xii. 393\*; photographs of the same, x. 404; A Naturalist Among the Head Hunters, etc., xii. 251†; award of Gill Memorial to, xii. 288
- Woodroffe, Mount, Central Australia, iv. 550, xiv. 181
- Woods, J. E. T., A History of the Discovery and Exploration of Australia, vii. 771†
- Woodthorpe, Col., explorations in the north of Assam, i. 126; surveys on the Afghanistan expedition, etc., i. 64, 256; Journey to the Upper Irawadi, vii. 541, 751, viii. 426, ix. 19\*; work on the N. W. frontier, ix. 37, 38; surveys in Upper Burma, ix. 308; on the source of the Dibong, x. 581; Explorations on the Chindwin River, Upper Burma, xi. 197\*; on Dauvergne's exploration of the Karambar Sar lake, xii. 96; the Lushai Country, xii. 301†; remarks at evening meetings, iii. 78, x. 516
- Woodward, H. B., the Geology of England and Wales, ix. 316†
- Woodward, H. P., General Report on Western Australia for 1888-89, xii. 641†; on the geology of Central Australia, xiii. 348; Report on the Gold Fields of the Kimberley District, xiv. 575†
- Woodward, R. S., Formulas and Tables to Facilitate the Construction and Use of Maps, xi. 366†; Latitudes and Longitudes of Certain Points in Missouri, etc., xii. 362†; on the Form and Position of the Sea Level, xii. 366†
- Woolley, Mr. H., ascents in the Caucasus, xii. 285, 381
- Woolley, W. A., visit to the island of Tsushima and Korea, ii. 313
- Worcester, nautical training college, iv. 310, 330, xiv. 408
- World, The—  
Ancient. See below, maps.  
Around the, on a Bicycle, Stevens, xi. 124†; *id.*, with General Grant, Young, ii. 395  
Atlases of. See Atlases.  
Coasts of, unsurveyed, Temple, i. 733  
Colonies, European, map of, Berghaus, vii. 411  
Countries of the, Brown, ii. 143†  
Cultivable area of, map of, xiii. 28  
Die Erde in Karten und Bildern, xi. 519†  
Gazetteer, Pocket, of, Bartholomew, x. 607†  
Journey Round, Gray, i. 346†; *id.*, Hübner, ii. 713†  
Lady's Travels Round, Journal of, Bridges, v. 183†  
Maps and charts of the:—*Ancient*, Artaria and Co. (for historical students), xi. 125; Kiepert, vii. 271†. *Modern*—xiv. 268; Bartholomew (library), iii. 381; Berghaus, ii. 272, 591, v. 51 (wall), vii. 129; Brückmann, v. 683; Bromme and Baur, vii. 772; Laroquette and Mayer, v. 115; Levasseur, ii. 80, vii. 349; Stanford (library), i. 153, 744; Wilson, i. 159. *In hemispheres*—Gaebler, x. 55; Handtke, xiii. 642; Rolfe, iv. 249. *Commercial*—Bartholomew, xiii. 309; K. Johnson, ix. 786. *Elliptic-Polar*—Heclor, iii. 381  
Maps of (old):—Mercator's, 1538, reproduction of, vii. 621; Ottino's, at Turin, *id.*, xiv. 811; A.D. 1600, to illustrate Davis' voyages, ii. 395  
Map of, proposed international, Ravenstein on, xiv. 716  
My Journey Round, Deisenhammer, iv. 578†; *id.*, Jones-Parry, iii. 63†  
Notes of My Journey Round, Cecil, xi. 396†  
Population of, present, xiii. 27; rate of increase of, xiii. 32  
Projection of, Col. Hamilton's, xi. 520  
Round the, Kuntze, iii. 696†; Zöller, iii. 507†; (in 124 days), Leyland, ii.

**World, The—continued—**

- 462 †; (in six months), Bridges, i. 814 †  
 Souvenirs of our Journey Round, Krapff, vii. 558 †  
 Telegraph map of the, Bedwell, v. 373  
 Temperature of, map of zones of, Supan, i. 744; *Linien gleicher Wärmeanomalie des Jahres* (map), x. 55  
 Time, comparative, of, chart showing, Kimber, i. 744  
 Um die Welt ohne zu Wollen, Archduke Ludwig of Austria, iii. 697 †  
 Voyage Round, de Beauvoir, i. 345 †; *id.*, in 500 days, Dodman, ii. 73 †  
 Year's Isotherms, map of, *id.*, vii. 411  
 World series of class lesson maps and diagrams, Ruddiman Johnston, viii. 416, 544  
 World-wide atlas of modern geography, Johnston, xiv. 68  
 Woso or Wocho, Mount, Abyssinia, d'Abbadie on, x. 389  
 Wouvermans, Col. H., Libéria, *Histoire de la Fondation d'un état nègre libre*, viii. 61 †  
 Wrangel, Mount, Alaska, ix. 278, 282, x. 396, xiii. 85, 86  
 Wrangell Land, ix. 29, 30; the relation of Plover Island to, Davidson on, iii. 761; visits of the *Thomas Corwin* and *Hodgers* to, iii. 731, 733; map illustrating the same, Hassenstein, iv. 186  
 Wrasa, town of, viii. 248  
 Wray, J. A., visit to lake Chala, Mount Kilimanjaro, ix. 47  
 Wright, G. F., observations of the Muir glacier of Alaska, ix. 118, 283; the Ice Age in North America, etc., xii. 302 †  
 Wright, Major-Gen. H. G., Annual Report of the Chief of Engineers, 1879, iii. 191 †  
 Wright, Rev. Dr., on explorations in South-Eastern New Guinea, ix. 84  
 Wronchenko's and Hamilton's latitudes in Lycio-Pamphylia, x. 162, 163  
 Wu river, China, i. 497  
 Wu-chow, Southern China, xii. 256  
 Wuhler, L., L'Italia (map), vi. 237  
 Wu-ming-hsien, city of, China, v. 442  
 Wuri people, Cameroons, iv. 588, 589  
 Württemberg, map of, Moosmair, ii. 714; Rachel, x. 545  
 Wurupong village, viii. 253  
 Wybrants. *See* Philson-Wybrants.  
 Wyld, J., maps by—Africa, South, i. 749; *id.*, eastern part of, ii. 784; Asia, Central, and Afghanistan, i. 156; Cabul, Jelalabad, etc., neighbourhood of, ii. 383; Fiji Group, part of, vi. 111; Nile, Egypt, and Sudan, vii. 61; Tunis, iii. 768; United Kingdom (parliamentary), ii. 396; Zululand, military sketch of, i. 206, 287, 351; *id.*, sketch of the attack on the camp of Isandula, i. 351  
 Wyde, A. B., the Red Sea trade, ix. 691  
 Wyde, W. H., on O'Neill's Journey to Lakes Shirwa and Amaramba, vi. 654

- Wylie, Mr., on Morrison's journeys in China, ii. 163  
 Wynaui. South-East, My Visit to the Gold Fields in the, Jennings, iv. 118 †  
 Wyndham, Australia, ix. 696  
 Wynne, Mount, N. W. Australia, v. 723  
 Wyoming, Resources of, for 1889, xi. 462 †; Two-Ocean pass in, Dr. Hayden's report on, i. 721  
 Wyse, Lieut., *Rapports de la Commission Internationale d'Exploration de l'Isthme Américain*, i. 407 †; explorations for the Panama Canal, i. 475, 737; on the progress of the same, ii. 267; Le Canal de Panama, viii. 211 †; Carte générale de l'Isthme Columbien, viii. 285; *Rapport Général sur l'Isthme de Panama*, xiv. 874 †

## X

- Xingu river, Brazil, viii. 354; expedition to, Von den Steinen, viii. 517, ix. 193, 208 †, x. 309; map of the, viii. 413; tribes of the, viii. 521; *id.*, primitive, Von den Steinen on, x. 593

## Y

- Yaalik gorge, Central Asia, xii. 165  
 Yabus. *See* Jaboo, also Yal.  
 Yadrintzeff, M. N., journey in Eastern Siberia, ii. 767; on the desiccation of Central Asian lakes, viii. 645, ix. 51; visit to the site of Karakorum, etc., xii. 424, xiii. 384  
 Yag's astronomical diagrams for schools, xiv. 199  
 Yaghanes, tribe of, Tierra del Fuego, vi. 349  
 Yagnob, or Yagnau-ab river, viii. 35  
 Yakhitch, M. V., on population of Servia, viii. 532  
 Yahtsé-tah river, Alaska, xi. 427, 432  
 Yak Walaug river, ix. 103  
 Yakutat bay, Alaska, xi. 425, 426; Indians, ix. 279  
 Yaki Deshik hill, Afghanistan, vii. 583  
 Yakima region, Northern Trans-continental survey, map of, v. 630  
 Yakia pass, tarns near the, iii. 331, 332  
 Yakoma tribe, Mobangi river, xi. 340  
 Yakutsk, extension of telegraphic communication to, iv. 169; severity of cold at, v. 406; Woikoff on depth of frozen soil at, viii. 742  
 Yal and Yabus rivers, White Nile, iv. 230; map of sources of, etc., v. 184  
 Yalú, Persia, v. 63  
 Yalú river, ix. 540, xiv. 151  
 Yalung (Nagchu) river, China and Tibet, v. 665, vii. 74, viii. 374  
 Yamatai or Jam, Central Asia, xii. 86  
 Yambumba, Aruwimi river, xi. 347, 348  
 Yambuya, Aruwimi river, xi. 347, 348; Stanley's Journey from, to the Albert Nyanza, xi. 261 \*

- Yamdena. Timor Laut, vi. 120, 121  
 Yamdok-Cho or Palti lake, viii. 428, xi. 569  
 Yung-i-âd, Central Asia, xii. 85  
 Yung-i-hissar, Central Asia, xii. 84  
 Yang-tze-kiang, iv. 616, v. 441, 665, vii. 70, 170, viii. 383, ix. 120, 253, xiii. 329  
 Estuary of, Admiralty surveys of the, ii. 419, 436  
 Gorges of, photographs of the, Little, xii. 443; Through the, *id.*, x. 252†  
 Journey to, from the Irawadi, Soltau, iii. 493  
 Route to Yunnan *via*, iv. 725  
 Yankabana, Sierra Leone, xiv. 438  
 Yantic, United States exploring steamer, v. 602, 733  
 Yao country, the Rev. W. P. Johnson's journeys in the, etc., iv. 480  
 Yao tribes and dialects, E. Africa, ii. 341, 343, 350, iv. 77, viii. 495, ix. 115, 469, xii. 721  
 Yap Island, Western Carolines, viii. 558  
 Yariutsof. *See* Jarintsof.  
 Yarkand, trade roads from, to Kashmir, xii. 89; to Nia, xii. 161, *et seq.*  
 Yarkand river, x. 505, xii. 33, 35, xiv. 219, 780  
 Yarkhun river, Central Asia, xii. 96  
 Yar-kiu-saupo river. *See* Sanpo.  
 Yarmouth, navigation school at, iv. 308  
 Yar-oilan, salt-beds of, vii. 573 *et seq.*  
 Yaro-tsaupo river. *See* Sanpo.  
 Yashil-kul lake, Pamir, vi. 140, ix. 229  
 Yashohara-Ishwaripur, ruins in the Sundarban, xiii. 284  
 Yassin, Hindu Kush, v. 553, xiv. 26; Biddulph's tour in, i. 794  
 Yasulgun, Tibet, vii. 813  
 Yato, Capt. A. C., visit to Salt lakes of Yar-oilan, vii. 573; England and Russia Face to Face in Asia, ix. 206†; the Tashkent Exhibition, 1890, xiii. 21\*; Notes on a Journey to Tashkent and back, xiv. 182†  
 Yute, Major C. E., Northern Afghanistan, or Letters from the Afghan Commission, x. 474†  
 Yates, Dr. G., on the wind action in the Channel Islands of California, xiv. 326  
 Yau tribe. *See* Yao.  
 Yavorsky. *See* Javorsky.  
 Ycaiche town, British Honduras, ix. 423  
 Yeats, John, Technical, Industrial, and Trade Education, ix. 721†; commercial instruction, xiii. 189; the Golden Gates of Trade, etc., xiii. 189†  
 Ye-ei-gnet-thaik or Bird's Nest islands, account of, Carpenter, x. 303  
 Yegrais tribe, Tibet, ix. 226  
 Yegri Gueuk valley, Afghanistan, vii. 562  
 Yella Island, New Guinea, xiv. 863  
 Yellala, rapids of, W. Africa, v. 697, 698  
 Yellow Head pass, North America, v. 635  
 Yellow Knives river and tribe, N. America, v. 646, 651  
 Yellow river. *See* Huang-ho.  
 Yellow sea, from the Arctic Ocean to the, Price, xiv. 426†  
 Yellowstone National Park, U.S.A., survey of the, i. 212; Report of the Superintendent of the, x. 51†  
 Yembi, Tibet, vii. 71  
 Yemen, Arabia, vi. 390; A Journey through, Haig, ix. 479\*; map of (Istituto Cartografico Italiano), vii. 699; *id.*, Manzoni, vii. 699; visit to, Harris, xiv. 717; work on, Manzoni, vii. 485  
 Yencsei district, minerals of the, xi. 695  
 Yencsei gulf, voyage of the *Oscar Dickson* to the, in 1880, Sibirialkoff on, iii. 231  
 Yencsei river, Dutch meteorological station at the mouth of, iv. 233; efforts to establish trade with, iii. 387 (*see also* Siberia); length of, ix. 120, 253  
 Yenya mount, Mashonaland, xiv. 301  
 Yen-yuan-Hsien, viii. 375, 376  
 Yerim town, ix. 488  
 Yeshil-Kul, Himalayas, v. 614  
 Yesso, Japanese colonization in, i. 275; railway construction in, iv. 167  
 Yeu, Island of, Guy, xiv. 865†  
 Ye Yaman district, xiii. 402, 403  
 Yezi town, Persia, xii. 584, 585  
 Yi river, Uruguay, ii. 671, 675  
 Ynambari, or Huari-huari river, Bolivia, v. 315, 322  
 Ynirida river, M. Montolieu's explorations of the, iii. 105  
 Yola, Binuê river, ii. 295, xiii. 462, 463  
 Yon-ebhôn district, fields of lava in the, viii. 305  
 Yöng-heung district, gold mines in, viii. 308  
 Yong-jong, island off Corea, v. 277  
 York, Cape, Greenland, v. 364, 602  
 York Factory, depth of permanently frozen soil at, ix. 769, 770; *id.*, Richardson on, viii. 743  
 York Gate Geographical and Colonial Library, Catalogue of, v. 50, ix. 134†  
 Yorkshire, Its Scenes, Lore, and Legends, Tait, xi. 187†; maps of—(contour), King, xiv. 65; (geological), Bird, iii. 765; (physical and political), King, x. 184  
 Yorkton, depth of frozen soil at, Riaman on, viii. 744  
 Yoruba Country, iii. 35, 36, vi. 451—  
 Commercial Geography of, Moloney, xi. 626\*  
 Geological formation of, xii. 611, 612  
 Millson on, xiii. 577\*  
 Notes on, Moloney, xii. 596\*  
 Photographs of places in, Holmes, xiii. 700  
 Route survey through (map of), Speeding, ix. 529  
 Yosemite falls, height of, x. 310  
 Yoshinogawa valley, Japan, ix. 99  
 Young, Capt. G. F., Notes on the Shakti Valley, Waziristan, iv. 537\*  
 Young, E. D., mission to Lake Nyasa, iv. 226



- Young, G. R., map of the surveyed portion of the Kimberley district, viii. 677
- Young, James, obituary of, v. 354
- Young, J. R., *Around the World with General Grant*, ii. 395†
- Young, R., the Success of Christian Missions, xii. 366†; the Martyr Islands of the New Hebrides, xiv. 344†; Trophies from African Heathenism, xiv. 878†
- Young, Sir Allen, on the probable position of Mr. Leigh Smith, iv. 54; search expedition for the same, and his rescue, iv. 375, 420, 498, 545; remarks at evening meetings, i. 36, v. 221, xi. 484
- Young, Sir F., *A Winter Tour in S. Africa*, xii. 247†
- Younghusband, Capt. F. E., journey in Manchuria, viii. 779; journey across Central Asia from Manchuria, x. 485; explorations in Central Asia, xii. 37, 379, 380; award of medal to, xii. 288; on Campbell's journey in North Korea, xiv. 157; Journeys in the Pamirs and Adjacent Countries, xiv. 205\*
- Younghusband, General, receives medal for Capt. Younghusband, xii. 476
- Yriarte, O., *Les Bords de l'Adriatique et le Monténégro*, i. 284†
- Ysabal, village of, Guatemala, viii. 589; lake of, Sapper's visit to, xiv. 804
- Ysabel island, Solomon Ids., xii. 408, *et seq.*
- Ysiamas, town of, Bolivia, v. 328, 335
- Yucatan—**  
 Ancient monuments and ruins in, v. 427, viii. 501; (at Uxmal) photographs of, James, xii. 128  
 Journey to, from British Honduras, Miller, xi. 23\*  
 Journeys in, Charnay, ii. 252, iv. 565, ix. 128  
 Map of the peninsula of, i. 544
- Yü-Kiang river, Southern China, xiii. 254
- Yukon, Fort, depth of frozen soil at, viii. 741
- Yukon river, Alaska**, xiii. 84—  
 Explorations in the district of, Schwatka, xiv. 561  
 Map of part of the Mackenzie and, xiv. 815  
 Passes to the, from the Chilcat country, map of, Krause, v. 730  
 Report on, Dawson, xi. 461  
 Sledge Journey in the Delta of the, Nelson, iv. 660\*
- Yulduz valley, Turkistan, iii. 168
- Yule, Col. Sir Henry, on the idols of Bamian, i. 338; on Colquhoun's journey from Canton to Bhamo, iv. 558; on the oldest records of the sea route to China from Western Asia, iv. 649; Gill's River of Golden Sand, edited by, vi. 99†; data regarding Irawadi river, vii. 300; obituary of Sir Arthur Phayre, viii. 103; Hobson-Jobson, Glossary of Anglo-Indian Colloquial Words, viii. 404†; Diary of W. Hodges, ix. 587†; on the

- Yule, Col. Sir Henry—*continued*—  
 source of the Dibong river, x. 581; remarks at evening meetings, iii. 295, iv. 269, 762, v. 456, vi. 15, viii. 17, ix. 37, x. 42; obituary of, MacLagan, xii. 108; Memoir of, Cordier, xiii. 242†; *id.*, Countess Trotter, xiii. 242†
- Yule island, New Guinea, i. 8, 12
- Yule mount, New Guinea, Bedford's expedition to, xiii. 229, 430
- Yumbi river, W. Africa, ii. 707
- Yung-chang, China, i. 502
- Yung-pei T'ing town, viii. 378, 382
- Yunnan Province, China**, iv. 716, 718-722, 763, v. 451-457—  
 Notes on, Soltan, iii. 564  
 Railways to, question of, viii. 334  
 South Eastern, exploration of, Bourne, viii. 189  
 Tongkin and the new approach to, Boulger, iv. 643  
 Trade of, vi. 581, xii. 258-262, xiii. 261  
 Trade routes of, iv. 724, 725; between Ssu-Ch'uan and, viii. 383  
 Work on, Roebuck, ii. 391†
- Yunnan-Fu, China, i. 500
- Yun Shans, the, Southern China, v. 673
- Yuruari river, British Guiana, iv. 695, 696
- Yürüks, nomad tribe of Asia Minor, vi. 308, 314, xii. 453, *et seq.*
- Yuruna tribe, viii. 521
- Yush village, Persia, v. 62
- Yusuf, Bahr, its present state and uses, Brown, ix. 614. *See also* Raian.
- Yzabel. *See* Ysabal.
- Yzo, Falls of, Bermejo river, xi. 140

## Z

- Zabala, A. C., Vocabulary of the Fan Language in West Africa, ix. 460†
- Zacapa, Plain of, Guatemala, v. 189
- Zacharias, Dr. O., *Zur Kenntniss der niederen Tierwelt des Riesengebirges*, etc., xii. 702†
- Zafirambo tribe, Madagascar, iv. 526
- Zaire. *See* Congo.
- Zakrevsky, M., work in Dzungaria, xi. 312
- Zalesky, S., Lake Ingol, xiv. 260†
- Zama, ancient town of, Tunis, discovery of, v. 298
- Zambesi river and region—**  
 Boundaries in, British and Portuguese, xii. 662, 663  
 Country between Umvukwe mountains and, v. 268  
 Delta of, map of, xiii. 593; *id.*, Sarmiento, iv. 254; Rankin on, xi. 693, xii. 136\*  
 Expeditions and explorations in—xiv. 373; Andrada, iv. 372; Deele, xiv. 325; Holub, ii. 166\*; Pinto, i. 383; Portuguese, various, viii. 507\*  
 Falls of, height of, x. 309, 310  
 Hydrography of, Guyot on, iii. 760  
 Journey from Lake Nyasa to, Sharpe, xii. 744\*; north of, Selous, iii. 169



- Lower, Tschigunda Languages of, Laws, ix. 58 †
- Maps of the, v. 309, xii. 188
- Marutze-Mabunda empire of, Holub on, ii. 261
- Plain between Mashonaland and, xii. 348, 349
- Sources of the, Arnot's Journey to, xi. 65 \*
- Surveys of, Portuguese, map of, Kiepert, v. 629
- Tribes of the—Depelchin on, v. 167, 285; migratory, viii. 75
- Trip across, Schindler, xiv. 632
- Upper—basin of, Pinto, i. 683; expedition to, Depelchin, etc., ii. 432, 694; Journey on, Selous, xi. 216\*; news from, vii. 540
- Zambesi Opium Company's plantations at Mopea, vii. 647
- Zambia, the New British Possession in Central Africa, Maund on, xii. 649\*; England's El Dorado in Africa, Mathers, xiii. 694†; northern, map of, Stanford, xii. 773
- Zamindawar, i. 195
- Zaudeh tribe, ix. 295, 296. *See* Niam Niam.
- Zangi-diwan pass, India, v. 614
- Zanner glacier and pass, Caucasus, vii. 600, x. 339 note, 342, 692, xiii. 111
- Zante, original map of the island, xiii. 510
- Zanzibar—**
- Climate of, iii. 375; Robb on, ii. 183
- Collections made in, Révoil, v. 428
- Correspondence relating to, x. 540 †
- Extent of, vi. 628, 629
- Industrial capabilities of, report on, Portal, xiv. 240
- Monthly mail established between Lake Tanganyika and, by London Missionary Society, ix. 114
- Road from, to Ujiji, iv. 2
- Territory of the Sultan of, vii. 240, ix. 493
- Work on, Schmidt, x. 177 †
- Zanzibaris on the Congo, vii. 230
- Zapateco tribe, Vera Cruz, ix. 568, 570
- Zapatera and Zapotilla volcanoes, Central America, v. 670
- Zapatosa lagoon, S. America, iii. 713
- Zarafshan glacier, vi. 495; Mushketof's ascent of, ii. 165, iii. 113
- Zarafshan river, Turkistan, xiii. 24, xiv. 780, 784; Pariisky's survey in the region of the, ix. 434; valley of the, xii. 357
- Zaragoza, town, Columbia, v. 258
- Zaremba, C. W., Merchants' and Tourists' Guide to Mexico, vi. 56 †
- Zarghun mountain, Afghanistan, iv. 343
- Zarun district, Morocco, xi. 489
- Zaskar range, Himalayas, v. 615, 622
- Zaw-gyi river, xiii. 402
- Zayal-chu river, Tibet, vii. 313, viii. 100, 425; Needham's journey to the, viii. 263; valley of the, vii. 75. *See also* Lohit.
- Zayas Enriquez, Mr. R. de, on the Indians of Vera Cruz, ix. 573
- Zayul. *See* Zayal.
- Zeballos, E. S., La Conquista de Quince Mil Leguas, etc., i. 79 †; explorations of the Argentine Pampas, ii. 703; member of the Crevaux expedition, v. 487; Descripción Amena de la República Argentina, xi. 463 †
- Zeguha. *See* Useguha.
- Zehden, Dr. C., Commercial Geography, xi. 398 †
- Zehgin, route from, to Sangbur, vii. 165
- Zeidun, Wadi, ix. 665
- Zeila, v. 365; Journey through part of Somaliland between Bulbar and, Nurse, xiii. 637\*; map of country between Ankoher and, xii. 369; port of, vii. 94, 118, 644
- Zeit, Jebel, ix. 677; petroleum deposits at, viii. 502
- Zelandia fort, Formosa, vii. 2
- Zeledón, P. P., on the Validity of the Treaty of Limits between Costa Rica and Nicaragua, x. 110 †
- Zemu valley and glacier, xiv. 613, 617
- Zendarud river, Persia, v. 144, 145
- Zendjan, map of route from, to Tacht i Soleimán, Houtum-Schindler, v. 749
- Zenge tribe, viii. 737
- Zeni Brothers—Travels of, in the North, Krarup, i. 152 †; Nordenskiöld, v. 372 †; Steenstrup, v. 681 †; Major on, v. 725
- Zenufana region, Columbia, v. 254
- Zera Kandai Kotal, i. 626
- Zerafshan. *See* Zarafshan.
- Zerre, Mount, Southern Persia, v. 146
- Zeuner, Capt., explorations in Central Africa, xi. 375, 562
- Zhob and Gomul expedition, Sandeman on, xii. 169
- Zhob valley, survey of, xiv. 382
- Ziarat-i-Khas-rud, Persia, v. 75, 82
- Ziaretdagh peak, viii. 97, 98
- Ziegler, Dr. J. M., Geographical Text on the Geological Map of the Earth, v. 500 †; maps by—Canton Graubünden, iv. 706; Russia in Europe, vi. 358; Switzerland, v. 627, x. 332; United States, Mexico, etc., iv. 455; obituary of, v. 293
- Ziel, Mount, Central Australia, xiii. 351
- Zigi river, E. Africa, i. 85, 89, 91, 549, 554, vii. 159 and note
- Zigor river, Afghanistan, i. 628
- Zima lake, Morocco, xi. 5
- Zimbabwe, ruins at, vii. 443 note, 444, xiii. 14, 17; Explorations of, Bent, xiii. 35, 105, 483, 608, 723, xiv. 120, 273\*; observations on, Phillips, xiii. 105; Orientation of the buildings at, Swan, xiv. 306
- Zimmern, H., the Hansa Towns, xi. 748 †
- Zimné plain, viii. 9
- Zinda-rud river, Persia, vii. 816
- Zindah Haslim pass, Afghanistan, vii. 562
- Zindans, the, of Bokhara, vi. 495
- Zingabila town, viii. 73

- Zingero, country of the, xii. 175  
 Zinglia, Promontory of, Africa, xiii. 528, 546  
 Zintgraff, Dr., explorations in the Cameroons region, x. 648, xi. 375, 407, 561, xii. 99, 378; journey from the Cameroons to the Benué, xii. 358  
 Zittel, Dr. K. A., on the formation of the Libyan desert, iv. 630, 631; on his journey from the Atlantic to the Pacific, vi. 481  
 Ziwandea village, ix. 187  
 Ziwlka, Lieut., Arctic voyage of, ii. 13  
 Zon Falls, Ruco river, xiii. 268, 269  
 Zobrest, T., Les Dunes, Réfutation des théories de M. de Beaumont, xi. 397 †  
 Zoghawa tribe, Sudan, xi. 574  
 Zoller, Dr. H., Rund um die Erde, iii. 507 †; the Panama Canal, v. 49 †; Pampas and Anden, vi. 426 †; ascent of Cameroons peak, vii. 183; exploration of Togoland, vii. 377; Das Togoland und die Sklaven-Küste, vii. 487 †; Forschungsreisen in der deutschen Colonie Kamerun, viii. 277 †; Skizze der Bulkastrasse, xiii. 134; Deutsch-Neuguinea und meine Ersteigung des Fioisterre Gebirges, xiii. 637 †  
 Zomba mountain, E. Africa, vi. 515, 532, ix. 178, x. 25; Selater's ascent of, xiv. 558  
 Zombe's village, Tanganyika, iv. 20  
 Zongo rapids, Mobangi river, x. 300; Vangele's ascents of, xi. 329, 330, 333  
 Zongolica, canton of, ix. 570  
 Zongwe river, Central Zambesia, xi. 219  
 Zooga river, S. Africa, ii. 173  
 Zoogruss pass, viii. 43  
 Zoutpansberg, district of, map of, Berthoud, ix. 211; *id.*, Knothe, xii. 189; *id.* (geological), Maidment, xii. 124  
 Zschokke, Dr. H., Reisebilder aus Finnland und Russland, i. 234 †; Konstantinopel, vii. 53 †  
 Zsigmondy, Dr. E., Im Hochgebirge, xi. 747 †  
 Zubof, N., Hydrographic Operations on the River Amu and its Delta, i. 222 †; surveys of the Amu-daria, x. 181  
 Zuchila river, Central Africa, xiii. 269  
 Zue river, Lower Congo. See Jue.  
 Zug, Lake, depth of, ix. 686  
 Zuga. See Zooga.  
 Zululand—  
 Area and population of, iii. 3  
 Correspondence respecting †, ix. 715, x. 603, xi. 255, xii. 302, 437  
 Extent of coast line of, vi. 627  
 Forests of, report on, Cardew, xiii. 432  
 Lines of communication with, sketch map showing, iii. 120  
 List of books, maps, and memoirs relating to, i. 201 *et seq.*  
 Maps of—(military and war), i. 286, 350, 544; Johnson, i. 287; Smith, i. 287; Weller, i. 351; Wyld, i. 287, 351; (sketch), vii. 266; (large scale), Stanford, i. 287  
 Notes on the physical geography of, Blencowe, i. 324  
 Précis of information concerning, issued by Intelligence branch of War Office, viii. 190 †  
 Zulus, the—in E. Africa, vii. 666; Physical and Moral Culture of, Kranz, ii. 590 †; Three Months with, Deléage, i. 741 †; tribes related to, in S. E. Africa, v. 285  
 Zumbo, town of, Africa, v. 268, viii. 76, xii. 350, 351, 748  
 Zurabad, town of, Turkoman country, v. 11  
 Zari river, Bolivia, v. 341  
 Zürich, geographical education at, viii. 202  
 Zurmat valley, i. 199  
 Zuway, Lake, communication on, Traversi, viii. 722; expedition to, *id.*, ix. 627  
 Zuzan, ruins of large town at, viii. 138, 139  
 Zweifel and Moustier, MM., discovery of the source of the Niger, i. 786, ii. 41, 66, 67, iii. 52, 53



J  
82

*"A book that is shut is but a block"*

CENTRAL ARCHAEOLOGICAL LIBRARY

GOVT. OF INDIA  
Department of Archaeology  
NEW DELHI.

Please help us to keep the book  
clean and moving.

B. B. 148, N. DELHI.

PROBSTHAIN & Co.  
Oriental Booksellers  
14, Bury Street  
London W.C.